MEX-DV1000/DV2000

SERVICE MANUAL

Ver. 1.1 2007.07

US Model
Canadian Model
MEX-DV2000
AEP Model
UK Model
MEX-DV1000
E Model
Chinese Model
Russian Model
MEX-DV1000/DV2000

Photo: MEX-DV1000

Model Name Using Similar Mechanism	NEW
DVD Mechanism Type	MG-612Z-187
Optical Pick-up Block Name	KHS-360A

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The "SAT Radio Ready" logo indicates that this product will control a satellite radio tuner module (sold separately). Please see your nearest authorized Sony dealer for details on the satellite radio tuner module.
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SPECIFICATIONS

AUDIO POWER SPECIFICATIONS (US model)

POWER OUTPUT AND TOTAL HARMONIC DISTORTION
23.2 watts per channel minimum continuous average power into 4 ohms, 4 channels driven from 20 Hz to 20 kHz with no more than 5% total harmonic distortion.

CEA2006 Standard
Power Output: 17 Watts RMS × 4 at 4 Ohms < 1% THD+N
SN Ratio: 82 dBA
(reference: 1 Watt into 4 Ohms)

System

Laser: Semiconductor laser
Signal format system: NTSC (US and Canadian models)
PAL (AEP, UK and Russian models)
PAL/NTSC switchable (E, Indian and Chinese models)

DVD/CD Player section

Signal-to-noise ratio: 120 dB
Frequency response: 10 – 20,000 Hz
Wow and flutter: Below measurable limit
Harmonic distortion: 0.01 %

Tuner section

FM

Tuning range:
European and Asian models:
87.5 – 108.0 MHz (at 50 kHz step)
Pan-American model:
87.5 – 107.9 MHz (at 200 kHz step)
Antenna (aerial) terminal:
External antenna (aerial) connector
Intermediate frequency: 10.7 MHz/450 kHz
Usable sensitivity: 9 dBf
Selectivity: 75 dB at 400 kHz
Signal-to-noise ratio: 67 dB (stereo), 69 dB (mono)
Harmonic distortion at 1 kHz: 0.5 % (stereo), 0.3 % (mono)
Separation: 35 dB at 1 kHz
Frequency response: 30 – 15,000 Hz

AM (US, Canadian, E, Indian and Chinese models)

Tuning range:
Asian model:
531 – 1,602 kHz (at 9 kHz step)
Pan-American model:
530 – 1,710 kHz (at 10 kHz step)
Antenna (aerial) terminal:
External antenna (aerial) connector
Intermediate frequency: 10.7 MHz/450 kHz
Sensitivity: 30 µV

MW/LW (AEP, UK and Russian models)

Tuning range:
MW: 531 – 1,602 kHz
LW: 153 – 279 kHz
Antenna (aerial) terminal:
External antenna (aerial) connector
Intermediate frequency: 10.7 MHz/450 kHz
Sensitivity: MW: 30 µV, LW: 40 µV

Power amplifier section

Outputs: Speaker outputs (sure seal connectors)
Speaker impedance: 4 – 8 ohms
Maximum power output: 52 W × 4 (at 4 ohms)

– Continued on next page –

MULTI DISC PLAYER

9-887-545-02
2007G05-1

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Sony Corporation
eVehicle Division
Published by Sony Techno Create Corporation

SONY

General

Outputs:
- Video output terminals (front/rear) (DV2000)
- Video output terminal (DV1000)
- Audio output terminals (front/rear) (DV2000)
- Rear audio output terminals (DV1000)
- Center output terminal (DV2000)
- Subwoofer output terminal (DV2000)
- Power antenna (aerial) relay control terminal
- Power amplifier control terminal

Inputs:
- Telephone ATT control terminal (DV2000)
- Illumination control terminal (DV2000)
- BUS audio input terminals
- BUS control input terminal
- Remote controller input terminal
- Antenna (aerial) input terminal
- Parking break control terminal
- Microphone input terminal
- AUX input jack (stereo mini jack)

Power requirements: 12 V DC car battery (negative ground (earth))

Dimensions: Approx. 178 × 50 × 181 mm ($7\ ^1/_8 \times 2 \times 7\ ^1/_4$ in) (w/h/d)

Mounting dimensions: Approx. 182 × 53 × 181 mm ($7\ ^1/_4 \times 2\ ^1/_8 \times 7\ ^1/_4$ in) (w/h/d)

Mass: Approx. 1.4 kg (3 lb 2 oz)

Supplied accessories:
- Card remote commander:
- RM-X161 (DV2000: US and Canadian models)
- RM-X162 (DV2000: Russian model)
- RM-X163
- (DV2000: E, Indian and Chinese models)
- RM-X166
- (DV1000: AEP, UK and Russian models)
- RM-X167
- (DV1000: E, Indian and Chinese models)
- Parts for installation and connections (1 set)

Your dealer may not handle some of the above listed accessories. Please ask the dealer for detailed information.

US and foreign patents licensed from Dolby Laboratories.

MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson.

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Note

This unit cannot be connected to a digital preamplifier or an equalizer which is Sony BUS system compatible.

Design and specifications are subject to change without notice.

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270 ˚C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

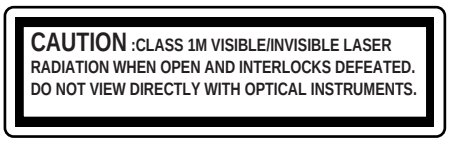
CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

This label is located on the bottom of the chassis.

此标签位于机壳的底部。

This label is located on the drive unit's internal chassis.


CAUTION :CLASS 1M VISIBLE/INVISIBLE LASER
RADIATION WHEN OPEN AND INTERLOCKS DEFEATED.
DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.

This label is located on the drive unit's internal chassis

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COM- POSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

关于安全相关零部件的警告

原理图和零件清单中标有⚠记号的零部件，或带有⚠记号的虚线所表示的零部件，对于安全操作至关重要。更换时，必须依据本手册或索尼公司追加发行的手册中列明的零件号，使用索尼公司的零件进行。

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SECTION 1
SERVICING NOTES

NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

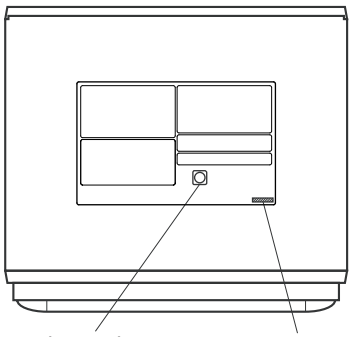
The laser diode in the optical pick-up block may suffer electrostatic break-down because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.
During repair, pay attention to electrostatic break-down and also use the procedure in the printed matter which is included in the repair parts.
The flexible board is easily damaged and should be handled with care.

NOTES ON LASER DIODE EMISSION CHECK

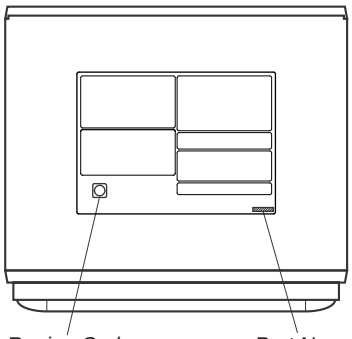
Never look into the laser diode emission from right above when checking it for adjustment. It is feared that you will lose your sight.

MODEL IDENTIFICATION

– Bottom View (DV1000) –



– Bottom View (DV2000) –



Label indication			Destination
Signal format system	Region code	Part No.	
NTSC	1	2-899-034-0□	DV2000: US and Canadian models
PAL	2	2-899-041-0□	DV1000: AEP and UK models
PAL	3	2-899-032-0□	DV2000: E (PAL) model
PAL	3	2-899-038-0□	DV1000: E (PAL) model
NTSC	4	2-899-033-0□	DV2000: E (NTSC) model
NTSC	4	2-899-039-0□	DV1000: E (NTSC) model
PAL	5	2-899-036-0□	DV2000: Russian model
PAL	5	2-899-042-0□	DV1000: Russian model
PAL	5	3-209-245-0□	DV1000: Indian model
PAL	5	3-209-246-0□	DV2000: Indian model
PAL	6	2-899-037-0□	DV2000: Chinese model
PAL	6	2-899-043-0□	DV1000: Chinese model

UNLEADED SOLDER

Boards requiring use of unleaded solder are printed with the lead-free mark (LF) indicating the solder contains no lead.
(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size)

: LEAD FREE MARK

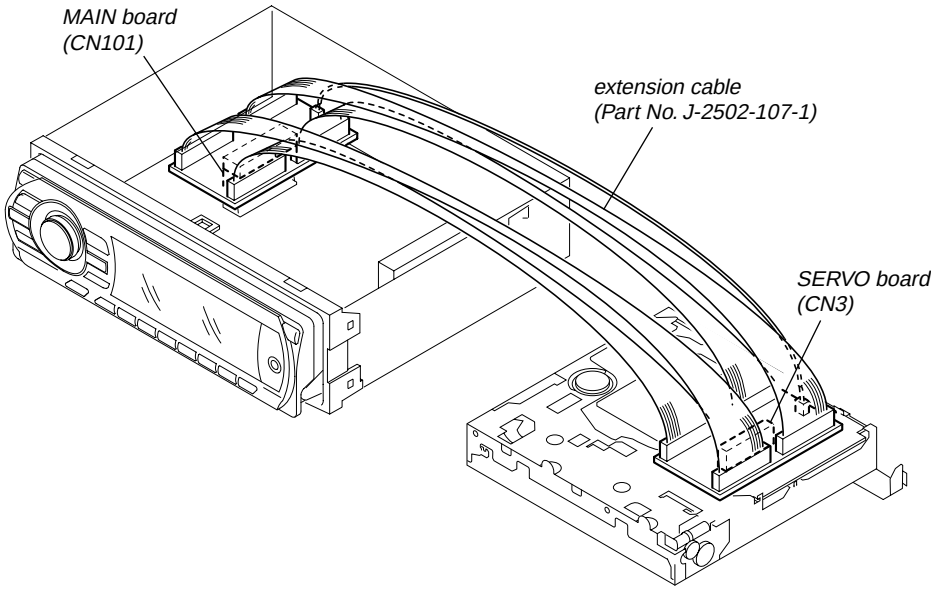
Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40 ˚C higher than ordinary solder.
  Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.
  Soldering irons using a temperature regulator should be set to about 350 ˚C.
  Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
- Strong viscosity
  Unleaded solder is more viscou-s (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Usable with ordinary solder
  It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

EXTENSION CABLE AND SERVICE POSITION

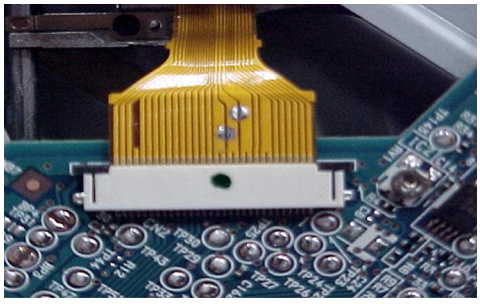
When repairing or servicing this set, connect the jig (extension cable) as shown below.

- Connect the MAIN board (CN101) and the SERVO board (CN3) with the extension cable (Part No. J-2502-107-1).



NOTE FOR FLEXIBLE BOARD OF THE OPTICAL PICK-UP

When connecting or disconnecting the flexible board of the optical pick-up to or from the CN2 of the SERVO board, follow the procedure given below.



Note: When soldering the short lands, solder within 5 seconds at the temperature of soldering iron below 300°C.

Disconnection:

1. Solder two shortland.
2. Disconnect the flexible board from the CN2 of the SERVO board.

Connection:

1. Connect the flexible board to the CN2 of the SERVO board.
2. Unsolder two shortland.

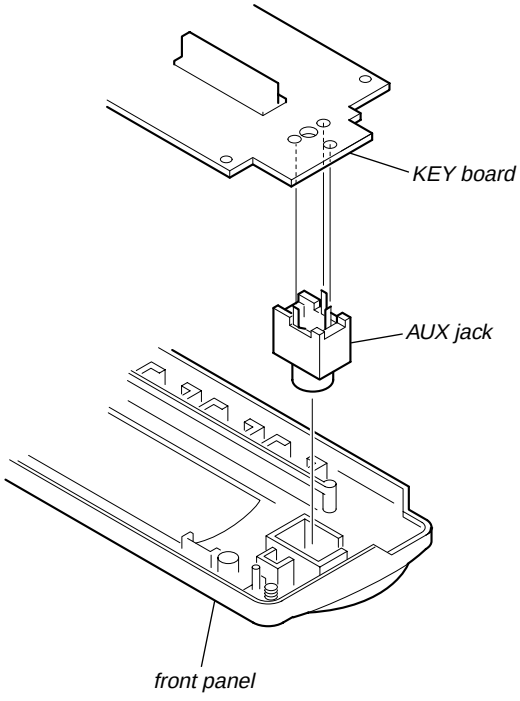
NOTE FOR REPLACING THE MOUNTED MAIN BOARD

If the mounted MAIN board was replaced, be sure refer to Technical News published separately.

NOTE FOR REPLACEMENT OF THE AUX JACK (J901)

To replace the AUX jack requires alignment.

1. Insert the AUX jack into the KEY board.
2. Place the KEY board on the front panel.
3. Solder the three terminals of the jack.



Playable discs and symbols used in this manual

This unit can play various video/audio discs.
The following chart helps you to check if a disc is supported by this unit, as well as what functions are available for a given disc type.

	Disc symbol in manual	Disc format	Disc logo
VIDEO	DVD	DVD VIDEO	
		DVD-R*1 DVD-R DL*1 (Video mode/VR mode)	
		DVD-RW*1 (Video mode/VR mode)	
		DVD+R*1 DVD+R DL*1	
		DVD+RW*1	
	VCD	Video CD (Ver. 1.0/1.1/2.0)	
AUDIO	SA-CD	Super Audio CD	
	CD	Audio CD	
		CD-ROM*2 CD-R*2	
		CD-RW*2	

*1 *Audio files can also be stored.*
*2 *Video/image files can also be stored.*

Note
"DVD" may be used in this manual as a general term for DVD VIDEOs, DVD-Rs/DVD-RWs, and DVD+Rs/DVD+RWs.

The following chart shows the supported compression formats, their file types, and the disc types on which those files can be stored.
Available functions differ depending on the format, regardless of disc type. The format symbols below appear next to the description of functions available for that format.

Format symbol in manual	File type	Storable disc type	
MP3	MP3 audio file	DATA DVDs DVD-ROM DVD-R DVD-R DL DVD-RW DVD+R DVD+R DL DVD+RW	DATA CDs CD-ROM CD-R CD-RW
WMA	WMA audio file		
JPEG	JPEG image file		
DivX *	DivX® video file*		

* *Only for European and Asian models. Pan-American model does not support DivX playback.*

Unsupported discs

The following discs cannot be played on this unit.
- 8 cm (3 1/4 in) discs
- 12 cm (4 3/4 in) discs utilizing only the inner 8 cm (3 1/4 in) data portion (the rest is transparent)
- CD-ROM containing files other than MP3/WMA/JPEG/DivX
- CD-G
- Photo-CD
- VSD (Video Single Disc)
- DVD-ROM containing files other than MP3/WMA/JPEG/DivX
- DVD-RAM
- DVD-Audio
- Active-Audio (Data)
- SVCD (Super Video CD)
- CDV
- Discs created in Packet Write format
- Discs in DTS format (DV1000)

Note

Even compatible discs may not be playable on this unit, depending on their recorded condition.

Region code

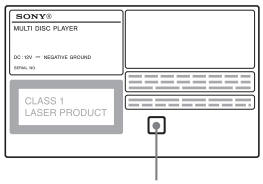
The region system is used to protect software copyrights.
The region code is located on the bottom of the unit, and only DVDs labeled with an identical region code can be played on this unit.

DVDs labeled can also be played.

If you try to play any other DVD, the message “Playback prohibited by region code.” will appear on the monitor screen. Depending on the DVD, no region code may be labeled even though playing the DVD is prohibited by area restrictions.

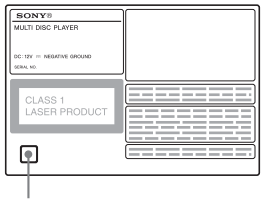
The region code also indicates whether your unit supports DivX playback or not.
- Unit with region code 3, 5, or 6: DivX playback compatible.
- Unit with region code 4: DivX playback incompatible.

– MEX-DV1000 –



Region code

– MEX-DV2000 –



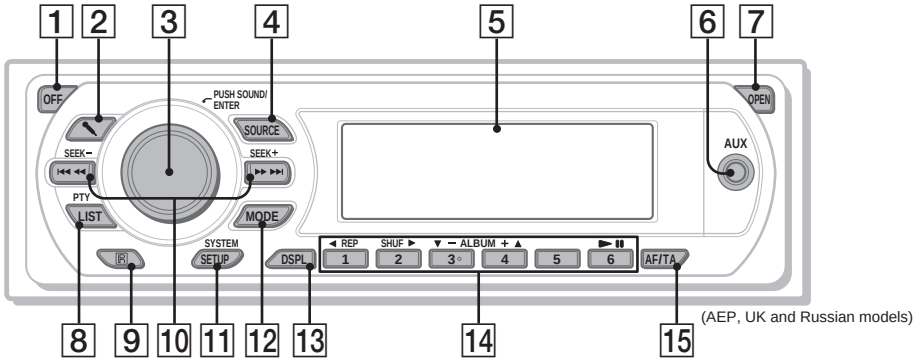
Region code

SECTION 2
GENERAL

This section is extracted from instruction manual.

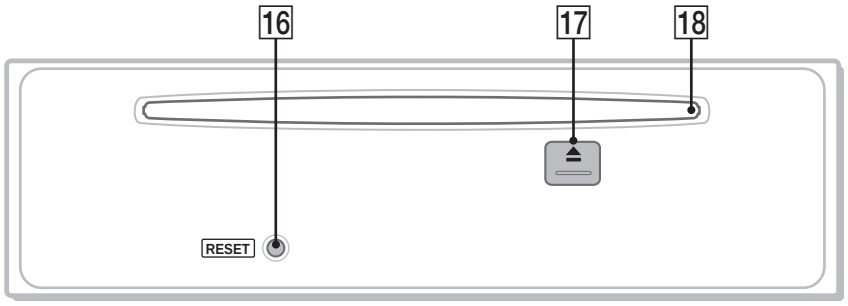
Location and function of controls

Main unit



(AEP, UK and Russian models)

Front panel removed



Refer to the pages listed for details.
Instructions in this manual generally describe the controls on the card remote commander. You can also use the controls on the main unit if they have the same or similar names to those on the card remote commander.

1 **OFF button**
To power off/stop the source (press); shut off completely (press and hold).

2 **(Microphone) button**
To activate the karaoke mode.

3 **Volume control dial/SOUND/ENTER button**
To adjust the volume/adjust a setting (rotate); open the sound menu/apply a setting (press).

4 **SOURCE button**
To power on; change the source (Radio/Disc/SAT *1).

5 **Display window**

6 **AUX input jack**
To connect a portable audio device.

7 **OPEN button**

8 **LIST button**
To list up.*2
(US, Canadian, E, Indian and Chinese models)
LIST/PTY (Program Type) button
To list up*2; select PTY in RDS.
(AEP, UK and Russian models)

9 **Receptor for the card remote commander**

10 **SEEK –/+ buttons**
Disc:
To skip a chapter/track/scene/file (press); reverse/fast-forward disc (press and hold momentarily); reverse/fast-forward track (press and hold).*3
Radio:
To tune in stations automatically (press); find a station manually (press and hold).

11 **SYSTEM SETUP button**
To open the system setup menu.

12 **MODE button**
To select the radio band (FM/MW/LW); select the unit*4.

13 **DSPL (Display) button**
To change display items.

14 **Number buttons**
Disc:
①: **◄ REP**
②: **SHUF ►**
③/④: **ALBUM –/+** (▼/▲)
To skip an album or folder/move the cursor (press); skip albums or folders continuously (press and hold).*5
⑥: **►II** (play/pause)
To start/pause playback.
Radio:
To receive stored stations (press); store stations (press and hold).

15 **SCRL (Scroll) button**
To scroll the display item.
(US, Canadian, E, Indian and Chinese models)
AF (Alternative Frequencies)/TA (Traffic Announcement) button
To set AF and TA in RDS.
(AEP, UK and Russian models)

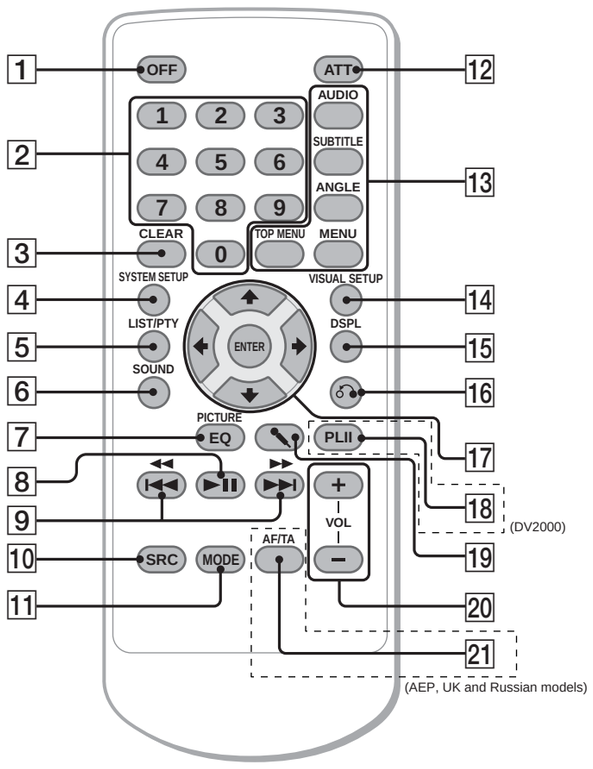
16 **RESET button**

17 **⏏ (eject) button**
To eject the disc.

18 **Disc slot**
To insert the disc.

*1 *When the SAT tuner is connected. (US and Canadian models)*
*2 *When a Super Audio CD/CD/MP3/WMA/JPEG/DivX is played. (Divx is except US and Canadian models)*
*3 *Operation differs depending on the disc.*
*4 *When a CD changer is connected.*
*5 *If the changer is connected, operation is different.*

Card remote commander
RM-X161 (DV2000: US and Canadian models)
RM-X162 (DV2000: Russian model)
RM-X163 (DV2000: E, Indian and Chinese models)
RM-X166 (DV1000: AEP, UK and Russian models)
RM-X167 (DV1000: E, Indian and Chinese models)



Refer to the pages listed for details.
Remove the insulation film before use.

1 OFF button
To power off/stop the source (press); shut off completely (press and hold).

2 Number buttons
Disc:
To locate a title/chapter/track.
Radio:
To receive stored stations (press); store stations (press and hold).

3 CLEAR button
To delete an entered number.

4 SYSTEM SETUP button
To open the system setup menu.

5 LIST/CAT*1 button
To list up.*2
(US and Canadian models)
LIST/PTY (Program Type) button
To list up*2; select PTY in RDS.
(AEP, UK and Russian models)
LIST button
To list up*2
(E, Indian and Chinese models)

6 SOUND button
To open the sound menu.

7 PICTURE EQ button
To select the picture quality.

8 ▶II (Play/Pause) button
To start/pause playback.

9 I◀◀ ◀◀/▶▶ ▶▶I buttons
Disc:
To skip a chapter/track/scene (press); reverse/fast-forward disc (press and hold momentarily); reverse/fast-forward track (press and hold).*3
Radio:
To tune in stations automatically (press); find a station manually (press and hold).

10 SRC (Source) button
To power on; change the source (Radio/Disc/AUX/SAT*1).

11 MODE button
To select the radio band (FM/AM); select the SAT tuner band (mode)*1; select the unit*4.

12 ATT (Attenuate) button
To attenuate the sound
(to cancel, press again).

13 DVD playback setting buttons
(AUDIO):
To change the audio language/format.
(For VCD/CD/MP3/WMA, to change the audio channel.)
(SUBTITLE):
To change the subtitle language.
(ANGLE):
To change the viewing angle.
(TOP MENU):
To open the top menu on a DVD.
(MENU):
To open the menu on a disc.

14 VISUAL SETUP button
To open the play mode/visual setup menu.

15 DSPL (Display) button
To change display items.

16 ↶ (Return) button
To return to the previous display; return to the menu on a VCD*5.

17 ←/↑/↓/→ (Cursor)/ENTER buttons
To move the cursor and apply a setting.

18 PLII (Pro Logic II) button
To select a Dolby Pro Logic II mode.
(DV2000)

19 (Microphone) button
To activate the karaoke mode.

20 VOL (Volume) +/– buttons
To adjust the volume.

21 AF (Alternative Frequencies)/TA (Traffic Announcement) button
To set AF and TA in RDS.
(AEP, UK and Russian models)

*1 *When the SAT tuner is connected.*
*2 *When a Super Audio CD/CD/MP3/WMA/JPEG/Divx is played.*
(Divx is except US and Canadian models)
*3 *Operation differs depending on the disc.*
*4 *When a CD changer is connected.*
*5 *When playing with PBC function.*

Note
If the unit is turned off and the display disappears, it cannot be operated with the card remote commander unless (SOURCE) on the main unit is pressed, or a disc is inserted to activate the unit first.

Tip
For details on how to replace the battery, see "Replacing the lithium battery of the card remote commander".

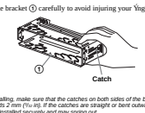
(DV1000: AEP, UK and Russian models)

Cautions
- This unit is designed for negative ground (earth) 12 V DC operation only.
- Do not get the leads under a screw, or caught in moving parts (e.g. seat railing).
- Before making connections, turn the car ignition off to avoid short circuits.
- Connect the power supply lead ⑨ to the unit and speakers before connecting it to the auxiliary power connector.
- **Run all ground (earth) leads to a common ground (earth) point.**
- Be sure to insulate any loose unconnected leads with electrical tape for safety.

Notes on the power supply lead (yellow)
- When connecting this unit in combination with other stereo components, the connected car circuits rating must be higher than the sum of each components fuse.
- When no car circuits are rated high enough, connect the unit directly to the battery.

Parts list 1
- The numbers in the list are keyed to those in the instructions.
- The bracket ⑤ and the protection collar ⑧ are attached to the unit before shipping. Before mounting the unit, use the release keys ④ to remove the bracket ⑤ and the protection collar ⑧ from the unit. For details, see iRemoving the protection collar and the bracket (1) on the reverse side of the sheet.
- **Keep the release keys ④ for future use as they are also necessary if you remove the unit from your car.**

Caution
Handle the bracket ⑤ carefully to avoid injuring your Yngers.



Note
Before installing, make sure that the catches on both sides of the bracket ⑤ are bent inwards 2 mm (¹/₁₆ in). If the catches are straight or bent outwards, the unit will not be installed securely and may spring out.

Connection example 2
Notes (2-A)
- *Be sure to connect the ground (earth) lead before connecting the amplifier.*
- *The alarm will only sound if the built-in amplifier is used.*

Tip (2-B-D)
For connecting two or more CD changers, the source selector XA-C40 (not supplied) is necessary.

Connection diagram 3
A To AMP REMOTE IN of an optional power amplifier
This connection is only for amplifiers. Connecting any other system may damage the unit.
B To the parking brake switch cord
C To the microphone (not supplied)

Warning
If you have a power antenna (aerial) without a relay box, connecting this unit with the supplied power supply lead Ⓑ may damage the antenna (aerial).

Notes on the control and power supply leads
- *The power antenna (aerial) control lead (blue) supplies +12 V DC when you turn on the tuner, or when you activate the AF (Alternative Frequency) or TA (Traffic Announcement) function.*
- *When your car has built-in FM/AM/LW antenna (aerial) in the rear/side glass, connect the power antenna (aerial) control lead (blue) or the accessory power supply lead (red) to the power terminal of the existing antenna (aerial) booster. For details, consult your dealer.*
- *A power antenna (aerial) without a relay box cannot be used with this unit.*

Memory hold connection
When the yellow power supply lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.

Notes on speaker connection
- *Before connecting the speakers, turn the unit off.*
- *Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities to avoid its damage.*
- *Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speaker.*
- *Do not connect the ground (earth) lead of this unit to the negative (–) terminal of the speaker.*
- *Do not attempt to connect the speakers in parallel.*
- *Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.*
- *To avoid a malfunction, do not use the built-in speaker leads installed in your car if the unit shares a common negative (–) lead for the right and left speakers.*
- *Do not connect the unit's speaker leads to each other.*

Notes on connection
- *If speaker and amplifier are not connected correctly, "FAILURE" appears in the display. In this case, make sure the speaker and amplifier are connected correctly.*
- *If you are to use the monitor for the rear seats, connect the parking brake switch cord to the ground (earth).*

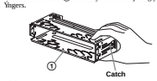
(DV1000: E, Indian and Chinese models)

Cautions
- This unit is designed for negative ground (earth) 12 V DC operation only.
- Do not get the leads under a screw, or caught in moving parts (e.g. seat railing).
- Before making connections, turn the car ignition off to avoid short circuits.
- Connect the **yellow** and **red** power supply leads only after all other leads have been connected.
- **Run all ground (earth) leads to a common ground (earth) point.**
- Be sure to insulate any loose unconnected leads with electrical tape for safety.

Notes on the power supply lead (yellow)
- When connecting this unit in combination with other stereo components, the connected car circuits rating must be higher than the sum of each components fuse.
- When no car circuits are rated high enough, connect the unit directly to the battery.

Parts list 1
- The numbers in the list are keyed to those in the instructions.
- The bracket ⑤ and the protection collar ⑧ are attached to the unit before shipping. Before mounting the unit, use the release keys ④ to remove the bracket ⑤ and the protection collar ⑧ from the unit. For details, see iRemoving the protection collar and the bracket (1) on the reverse side of the sheet.
- **Keep the release keys ⑤ for future use as they are also necessary if you remove the unit from your car.**

Caution
Handle the bracket ⑤ carefully to avoid injuring your Yngers.



Note
Before installing, make sure that the catches on both sides of the bracket ⑤ are bent inwards 2 mm (¹/₁₆ in). If the catches are straight or bent outwards, the unit will not be installed securely and may spring out.

Connection example 2
Notes (2-A)
- *Be sure to connect the ground (earth) lead before connecting the amplifier.*
- *The alarm will only sound if the built-in amplifier is used.*

Tip (2-B-D)
For connecting two or more CD changers, the source selector XA-C40 (not supplied) is necessary.

Connection diagram 3
1 To a metal surface of the car
First connect the black ground (earth) lead, then connect the yellow and red power supply leads.
2 To the power antenna (aerial) control lead or power supply lead of antenna (aerial) booster
Notes
- *It is not necessary to connect this lead if there is no power antenna (aerial) or antenna (aerial) booster, or with a manually-operated telescopic antenna (aerial).*
- *When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."*

3 To AMP REMOTE IN of an optional power amplifier
This connection is only for amplifiers. Connecting any other system may damage the unit.
4 To the +12 V power terminal which is energized in the accessory position of the ignition switch
Notes
- *If there is no accessory position, connect to the +12 V power (battery) terminal which is energized at all times. Be sure to connect the black ground (earth) lead to a metal surface of the car first.*
- *When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."*

5 To the +12 V power terminal which is energized at all times
Be sure to connect the black ground (earth) lead to a metal surface of the car first.
6 To the parking brake switch cord
7 To the microphone (not supplied)

Notes on the control and power supply leads
- *The power antenna (aerial) control lead (blue) supplies +12 V DC when you turn on the tuner.*
- *When your car has built-in FM/AM antenna (aerial) in the rear/side glass, connect the power antenna (aerial) control lead (blue) or the accessory power supply lead (red) to the power terminal of the existing antenna (aerial) booster. For details, consult your dealer.*
- *A power antenna (aerial) without a relay box cannot be used with this unit.*

Memory hold connection
When the yellow power supply lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.

Notes on speaker connection
- *Before connecting the speakers, turn the unit off.*
- *Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities to avoid its damage.*
- *Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speaker.*
- *Do not connect the ground (earth) lead of this unit to the negative (–) terminal of the speaker.*
- *Do not attempt to connect the speakers in parallel.*
- *Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.*
- *To avoid a malfunction, do not use the built-in speaker leads installed in your car if the unit shares a common negative (–) lead for the right and left speakers.*
- *Do not connect the unit's speaker leads to each other.*

Notes on connection
- *If speaker and amplifier are not connected correctly, "FAILURE" appears in the display. In this case, make sure the speaker and amplifier are connected correctly.*
- *If you are to use the monitor for the rear seats, connect the parking brake switch cord to the ground (earth).*

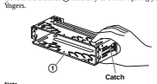
(DV2000: US and Canadian models)

Cautions
- This unit is designed for negative ground (earth) 12 V DC operation only.
- Do not get the leads under a screw, or caught in moving parts (e.g. seat railing).
- Before making connections, turn the car ignition off to avoid short circuits.
- Connect the **yellow** and **red** power supply leads only after all other leads have been connected.
- **Run all ground (earth) leads to a common ground (earth) point.**
- Be sure to insulate any loose unconnected leads with electrical tape for safety.

Notes on the power supply lead (yellow)
- When connecting this unit in combination with other stereo components, the connected car circuits rating must be higher than the sum of each components fuse.
- When no car circuits are rated high enough, connect the unit directly to the battery.

Parts list 1
- The numbers in the list are keyed to those in the instructions.
- The bracket ⑤ and the protection collar ⑧ are attached to the unit before shipping. Before mounting the unit, use the release keys ④ to remove the bracket ⑤ and the protection collar ⑧ from the unit. For details, see iRemoving the protection collar and the bracket (1) on the reverse side of the sheet.
- **Keep the release keys ⑤ for future use as they are also necessary if you remove the unit from your car.**

Caution
Handle the bracket ⑤ carefully to avoid injuring your Yngers.



Note
Before installing, make sure that the catches on both sides of the bracket ⑤ are bent inwards 2 mm (¹/₁₆ in). If the catches are straight or bent outwards, the unit will not be installed securely and may spring out.

Connection example 2
Notes (2-A)
- *Be sure to connect the ground (earth) lead before connecting the amplifier.*
- *The alarm will only sound if the built-in amplifier is used.*

Tip (2-B-D)
For connecting two or more CD changers, the source selector XA-C40 (not supplied) is necessary.

Connection diagram 3
1 To a metal surface of the car
First connect the black ground (earth) lead, then connect the yellow and red power supply leads.
2 To the power antenna (aerial) control lead or power supply lead of antenna (aerial) booster
Notes
- *It is not necessary to connect this lead if there is no power antenna (aerial) or antenna (aerial) booster, or with a manually-operated telescopic antenna (aerial).*
- *When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."*

3 To AMP REMOTE IN of an optional power amplifier
This connection is only for amplifiers. Connecting any other system may damage the unit.
4 To the interface cable of a car telephone
5 To a car's illumination signal
Be sure to connect the black ground (earth) lead to a metal surface of the car first.
6 To the +12 V power terminal which is energized in the accessory position of the ignition switch
Notes
- *If there is no accessory position, connect to the +12 V power (battery) terminal which is energized at all times. Be sure to connect the black ground (earth) lead to a metal surface of the car first.*
- *When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."*

7 To the +12 V power terminal which is energized at all times
Be sure to connect the black ground (earth) lead to a metal surface of the car first.
8 To the parking brake switch cord
9 To the microphone (not supplied)

Notes on the control and power supply leads
- *The power antenna (aerial) control lead (blue) supplies +12 V DC when you turn on the tuner.*
- *When your car has built-in FM/AM antenna (aerial) in the rear/side glass, connect the power antenna (aerial) control lead (blue) or the accessory power supply lead (red) to the power terminal of the existing antenna (aerial) booster. For details, consult your dealer.*
- *A power antenna (aerial) without a relay box cannot be used with this unit.*

Memory hold connection
When the yellow power supply lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.

Notes on speaker connection
- *Before connecting the speakers, turn the unit off.*
- *Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities to avoid its damage.*
- *Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speaker.*
- *Do not connect the ground (earth) lead of this unit to the negative (–) terminal of the speaker.*
- *Do not attempt to connect the speakers in parallel.*
- *Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.*
- *To avoid a malfunction, do not use the built-in speaker leads installed in your car if the unit shares a common negative (–) lead for the right and left speakers.*
- *Do not connect the unit's speaker leads to each other.*

Notes on connection
- *If speaker and amplifier are not connected correctly, "FAILURE" appears in the display. In this case, make sure the speaker and amplifier are connected correctly.*
- *If you are to use the monitor for the rear seats, connect the parking brake switch cord to the ground (earth).*

(DV2000: Russian model)

Cautions
- This unit is designed for negative ground (earth) 12 V DC operation only.
- Do not get the leads under a screw, or caught in moving parts (e.g. seat railing).
- Before making connections, turn the car ignition off to avoid short circuits.
- Connect the power supply lead ⑨ to the unit and speakers before connecting it to the auxiliary power connector.
- **Run all ground (earth) leads to a common ground (earth) point.**
- Be sure to insulate any loose unconnected leads with electrical tape for safety.

Notes on the power supply lead (yellow)
- When connecting this unit in combination with other stereo components, the connected car circuits rating must be higher than the sum of each components fuse.
- When no car circuits are rated high enough, connect the unit directly to the battery.

Parts list 1
- The numbers in the list are keyed to those in the instructions.
- The bracket ⑤ and the protection collar ⑧ are attached to the unit before shipping. Before mounting the unit, use the release keys ④ to remove the bracket ⑤ and the protection collar ⑧ from the unit. For details, see iRemoving the protection collar and the bracket (1) on the reverse side of the sheet.
- **Keep the release keys ⑤ for future use as they are also necessary if you remove the unit from your car.**

Caution
Handle the bracket ⑤ carefully to avoid injuring your Yngers.

Note
Before installing, make sure that the catches on both sides of the bracket ⑤ are bent inwards 2 mm (¹/₁₆ in). If the catches are straight or bent outwards, the unit will not be installed securely and may spring out.

Connection example 2
Notes (2-A)
- *Be sure to connect the ground (earth) lead before connecting the amplifier.*
- *The alarm will only sound if the built-in amplifier is used.*

Tip (2-B-D)
For connecting two or more CD changers, the source selector XA-C40 (not supplied) is necessary.

Connection diagram 3
A To AMP REMOTE IN of an optional power amplifier
This connection is only for amplifiers. Connecting any other system may damage the unit.
B To the interface cable of a car telephone
C To the parking brake switch cord
D To the microphone (not supplied)

Warning
If you have a power antenna (aerial) without a relay box, connecting this unit with the supplied power supply lead Ⓑ may damage the antenna (aerial).

Notes on the control and power supply leads
- *The power antenna (aerial) control lead (blue) supplies +12 V DC when you turn on the tuner, or when you activate the AF (Alternative Frequency) or TA (Traffic Announcement) function.*
- *When your car has built-in FM/AM/LW antenna (aerial) in the rear/side glass, connect the power antenna (aerial) control lead (blue) or the accessory power supply lead (red) to the power terminal of the existing antenna (aerial) booster. For details, consult your dealer.*
- *A power antenna (aerial) without a relay box cannot be used with this unit.*

Memory hold connection
When the yellow power supply lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.

Notes on speaker connection
- *Before connecting the speakers, turn the unit off.*
- *Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities to avoid its damage.*
- *Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speaker.*
- *Do not connect the ground (earth) lead of this unit to the negative (–) terminal of the speaker.*
- *Do not attempt to connect the speakers in parallel.*
- *Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.*
- *To avoid a malfunction, do not use the built-in speaker leads installed in your car if the unit shares a common negative (–) lead for the right and left speakers.*
- *Do not connect the unit's speaker leads to each other.*

Notes on connection
- *If speaker and amplifier are not connected correctly, "FAILURE" appears in the display. In this case, make sure the speaker and amplifier are connected correctly.*
- *If you are to use the monitor for the rear seats, connect the parking brake switch cord to the ground (earth).*

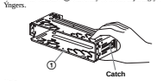
(DV2000: E, Indian and Chinese models)

Cautions
- This unit is designed for negative ground (earth) 12 V DC operation only.
- Do not get the leads under a screw, or caught in moving parts (e.g. seat railing).
- Before making connections, turn the car ignition off to avoid short circuits.
- Connect the **yellow** and **red** power supply leads only after all other leads have been connected.
- **Run all ground (earth) leads to a common ground (earth) point.**
- Be sure to insulate any loose unconnected leads with electrical tape for safety.

Notes on the power supply lead (yellow)
- When connecting this unit in combination with other stereo components, the connected car circuits rating must be higher than the sum of each components fuse.
- When no car circuits are rated high enough, connect the unit directly to the battery.

Parts list 1
- The numbers in the list are keyed to those in the instructions.
- The bracket ⑤ and the protection collar ⑧ are attached to the unit before shipping. Before mounting the unit, use the release keys ④ to remove the bracket ⑤ and the protection collar ⑧ from the unit. For details, see iRemoving the protection collar and the bracket (1) on the reverse side of the sheet.
- **Keep the release keys ⑤ for future use as they are also necessary if you remove the unit from your car.**

Caution
Handle the bracket ⑤ carefully to avoid injuring your Yngers.



Note
Before installing, make sure that the catches on both sides of the bracket ⑤ are bent inwards 2 mm (¹/₁₆ in). If the catches are straight or bent outwards, the unit will not be installed securely and may spring out.

Connection example 2
Notes (2-A)
- *Be sure to connect the ground (earth) lead before connecting the amplifier.*
- *The alarm will only sound if the built-in amplifier is used.*

Tip (2-B-D)
For connecting two or more CD changers, the source selector XA-C40 (not supplied) is necessary.

Connection diagram 3
1 To a metal surface of the car
First connect the black ground (earth) lead, then connect the yellow and red power supply leads.
2 To the power antenna (aerial) control lead or power supply lead of antenna (aerial) booster
Notes
- *It is not necessary to connect this lead if there is no power antenna (aerial) or antenna (aerial) booster, or with a manually-operated telescopic antenna (aerial).*
- *When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."*

3 To AMP REMOTE IN of an optional power amplifier
This connection is only for amplifiers. Connecting any other system may damage the unit.
4 To the interface cable of a car telephone
5 To a car's illumination signal
Be sure to connect the black ground (earth) lead to a metal surface of the car first.
6 To the +12 V power terminal which is energized in the accessory position of the ignition switch
Notes
- *If there is no accessory position, connect to the +12 V power (battery) terminal which is energized at all times. Be sure to connect the black ground (earth) lead to a metal surface of the car first.*
- *When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."*

7 To the +12 V power terminal which is energized at all times
Be sure to connect the black ground (earth) lead to a metal surface of the car first.
8 To the parking brake switch cord
9 To the microphone (not supplied)

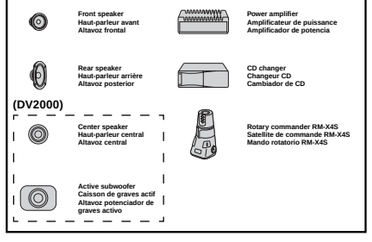
Notes on the control and power supply leads
- *The power antenna (aerial) control lead (blue) supplies +12 V DC when you turn on the tuner.*
- *When your car has built-in FM/AM antenna (aerial) in the rear/side glass, connect the power antenna (aerial) control lead (blue) or the accessory power supply lead (red) to the power terminal of the existing antenna (aerial) booster. For details, consult your dealer.*
- *A power antenna (aerial) without a relay box cannot be used with this unit.*

Memory hold connection
When the yellow power supply lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.

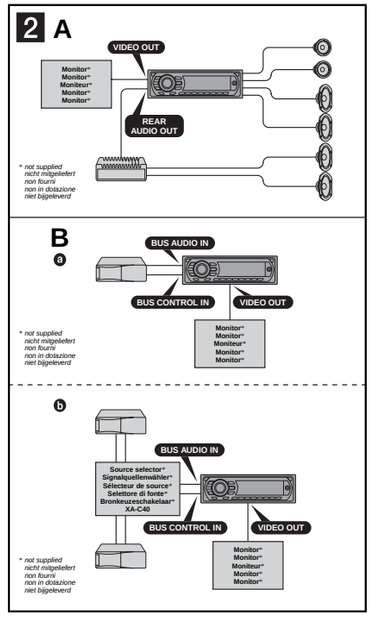
Notes on speaker connection
- *Before connecting the speakers, turn the unit off.*
- *Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities to avoid its damage.*
- *Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speaker.*
- *Do not connect the ground (earth) lead of this unit to the negative (–) terminal of the speaker.*
- *Do not attempt to connect the speakers in parallel.*
- *Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.*
- *To avoid a malfunction, do not use the built-in speaker leads installed in your car if the unit shares a common negative (–) lead for the right and left speakers.*
- *Do not connect the unit's speaker leads to each other.*

Notes on connection
- *If speaker and amplifier are not connected correctly, "FAILURE" appears in the display. In this case, make sure the speaker and amplifier are connected correctly.*
- *If you are to use the monitor for the rear seats, connect the parking brake switch cord to the ground (earth).*

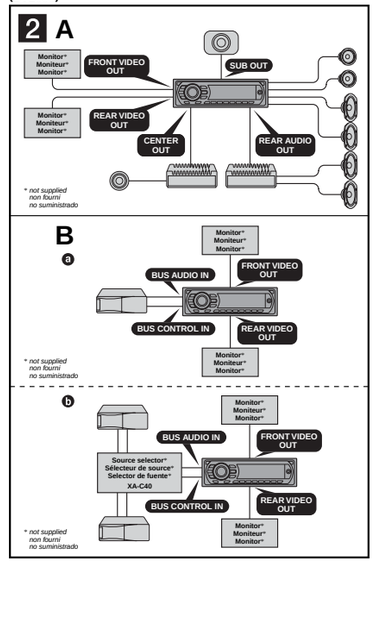
Equipment used in illustrations (not supplied)
Appareils utilisés dans les illustrations (non fournis)
Equipo utilizado en las ilustraciones (no suministrado)



(DV1000)



(DV2000)



MEX-DV1000/DV2000

(DV1000: AEP, UK and Russian models)

3

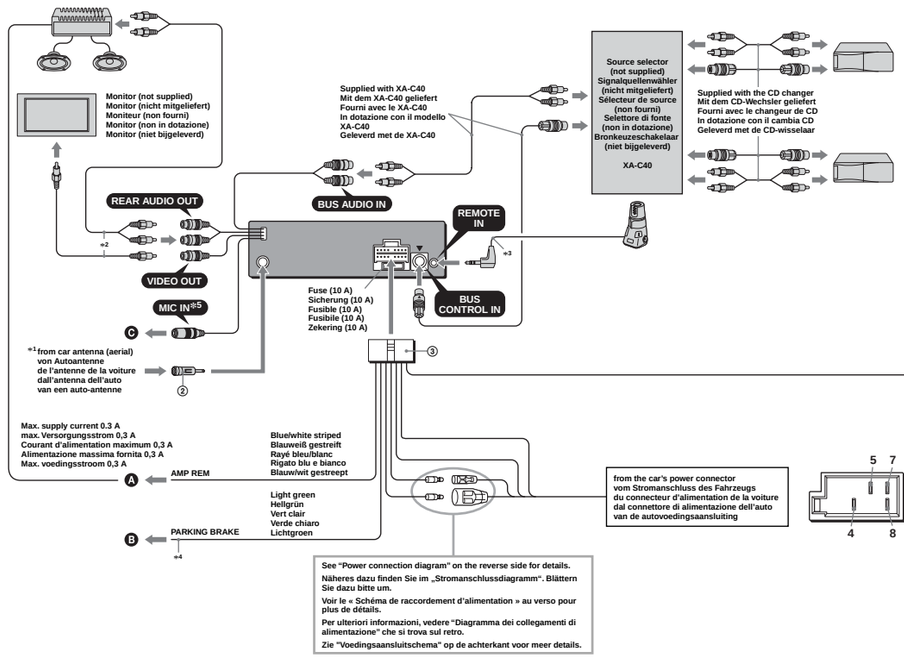
**1 Note for the antenna (aerial) connecting*
If your car antenna (aerial) is an ISO (International Organization for Standardization) type, use the supplied adaptor Ⓖ to connect it. First connect the car antenna (aerial) to the supplied adaptor, then connect it to the antenna (aerial) jack of the master unit.
**2 RCA pin cord (not supplied)*
**3 Insert with the cord upwards.*
**4 For details on connecting to the parking brake switch cord, see "Connecting the parking brake cord (E)" on the reverse side.*
**5 For details on connecting to the MIC input cord, see "Connecting a microphone (B)" on the reverse side.*

**1 Hinweis zum Anschließen der Antenne*
Wenn Ihre Fahrzeugantenne der ISO-Norm (ISO = International Organization for Standardization - Internationale Normungsgemeinschaft) entspricht, schließen Sie sie mithilfe des mitgelieferten Adapters Ⓖ an. Verbinden Sie zuerst die Fahrzeugantenne mit dem mitgelieferten Adapter und verbinden Sie diesen dann mit der Antennenbuchse des Hauptgeräts.
**2 Cinchkabel (nicht mitgeliefert)*
**3 Mit dem Kabel nach oben einsetzen.*
**4 Informationen zum Anschließen der Parkbremsenschalterleitung finden Sie unter „Anschließen der Parkbremsenleitung (E)" auf der Rückseite.*
**5 Erläuterungen zum Anschließen des MIC-Eingangskabels finden Sie unter „Anschließen eines Mikrofons (B)" auf der Rückseite.*

**1 Remarque sur le raccordement de l'antenne*
Si votre antenne de voiture est de type ISO (Organisation internationale de normalisation), utilisez l'adaptateur fourni Ⓖ pour la raccorder. Raccordez d'abord l'antenne de voiture à l'adaptateur fourni et, ensuite, à la prise d'antenne de l'appareil principal.
**2 Cordon à broche RCA (non fourni)*
**3 Insérez avec le câble vers le haut.*
**4 Pour plus de détails sur le raccordement du cordon du capteur du frein à main, reportez-vous à la section « Raccordement du cordon du frein à main (E) » au verso.*
**5 Pour plus de détails sur le raccordement du cordon d'entrée MIC, reportez-vous à la section « Raccordement d'un microphone (B) » au verso.*

**1 Nota per il collegamento dell'antenna*
Se l'antenna dell'auto è di tipo ISO (International Organization for Standardization), utilizzare l'adattatore Ⓖ in dotazione per collegarla. Collegare prima l'antenna della macchina all'adattatore in dotazione, quindi collegarla alla presa dell'antenna dell'apparecchio principale.
**2 Cavo a piedini RCA (non in dotazione)*
**3 Inserire con il cavo rivolto verso l'alto.*
**4 Per ulteriori informazioni sulla modalità di collegamento del cavo di commutazione del freno a mano, consultare la sezione "Collegamento del cavo del freno a mano (E)" sul lato opposto.*
**5 Per ulteriori informazioni sul collegamento del cavo di ingresso MIC, consultare la sezione "Collegamento del microfono (B)" sul lato opposto.*

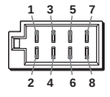
**1 Opmerking bij de antenne-aansluiting*
Indien uw auto is uitgerust met een antenne van het type ISO (International Organization for Standardization), moet u die aansluiten met behulp van de bijgeleverde adapter Ⓖ. Sluit eerst de auto-antenne aan op de bijgeleverde adapter en vervolgens de antennestekker op het hoofdtoestel.
**2 Tulpstekkersnoer (niet bijgeleverd)*
**3 Plaatsen met het snoer naar boven.*
**4 Zie "Parkeerremkabel aansluiten (E)" op de achterkant voor meer informatie over het aansluiten op het schakelsnoer van de parkeerrem.*
**5 Zie "Een microfoon aansluiten (B)" op de achterkant voor meer informatie over aansluiten op de MIC-ingangskabel.*



1	Purple Violett Mauve Viola Paars	+	Speaker, Rear, Right Lautsprecher hinten rechts Haut-parleur, arrière, droit Diffusore, posteriore, destro Luidspreker, achter, rechts	5	White Weiß Blanc Bianco Wit	+	Speaker, Front, Left Lautsprecher vorne links Haut-parleur, avant, gauche Diffusore, anteriore, sinistro Luidspreker, voor, links
2		–	Speaker, Rear, Right Lautsprecher hinten rechts Haut-parleur, arrière, droit Diffusore, posteriore, destro Luidspreker, achter, rechts	6		–	Speaker, Front, Left Lautsprecher vorne links Haut-parleur, avant, gauche Diffusore, anteriore, sinistro Luidspreker, voor, links
3	Gray Grau Gris Grigio Grijs	+	Speaker, Front, Right Lautsprecher vorne rechts Haut-parleur, avant, droit Diffusore, anteriore, destro Luidspreker, voor, rechts	7	Green Grün Vert Verde Groen	+	Speaker, Rear, Left Lautsprecher hinten links Haut-parleur, arrière, gauche Diffusore, posteriore, sinistro Luidspreker, achter, links
4		–	Speaker, Front, Right Lautsprecher vorne rechts Haut-parleur, avant, droit Diffusore, anteriore, destro Luidspreker, voor, rechts	8		–	Speaker, Rear, Left Lautsprecher hinten links Haut-parleur, arrière, gauche Diffusore, posteriore, sinistro Luidspreker, achter, links

Negative polarity positions 2, 4, 6 and 8 have striped leads.
An den negativ gepolten Positionen 2, 4, 6 und 8 befinden sich gestreifte Adern.
Les positions de polarité négative 2, 4, 6 et 8 sont dotées de cordons rayés.
Le posizioni a polarità negativa 2, 4, 6 e 8 hanno cavi rigati.
De posities voor negatieve polariteit (2, 4, 6 en 8) hebben gestreepte kabels.

from the car's speaker connector
vom Lautsprecheranschluss des Fahrzeugs
du connecteur de haut-parleur de la voiture
dal connettore del diffusore dell'auto
van de autoluidsprekeraansluiting



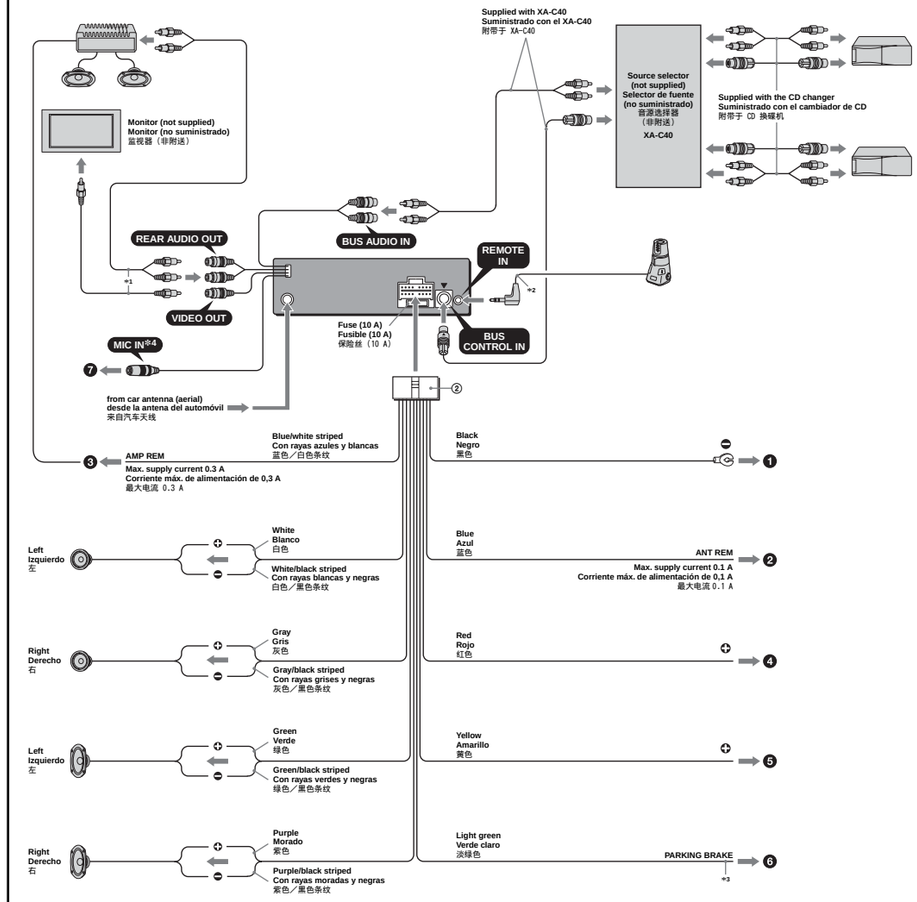
from the car's power connector
vom Stromanschluss des Fahrzeugs
du connecteur d'alimentation de la voiture
dal connettore di alimentazione dell'auto
van de autovoedingsaansluiting

4	Yellow Gelb Jaune Giallo Geel	continuous power supply permanente Stromversorgung alimentation continue alimentazione continua continu voeding		7	Red Rot Rouge Rosso Rood	switched power supply geschaltete Stromversorgung alimentation commutée alimentazione commutata geschakelde voeding	
5	Blue Blau Bleu Blu Blauw	power antenna (aerial) control Motorantennensteuerung antenne électrique comando dell'antenna elettrica automatische antenne		8	Black Schwarz Noir Nero Zwart	ground (earth) Masse masse terra aarding	

Positions 1, 2, 3 and 6 do not have pins.
An Position 1, 2, 3 und 6 befinden sich keine Stifte.
Les positions 1, 2, 3 et 6 ne comportent pas de broches.
Le posizioni 1, 2, 3 e 6 non hanno piedini.
De posities 1, 2, 3 en 6 hebben geen pins.

(DV1000: E, Indian and Chinese models)

3

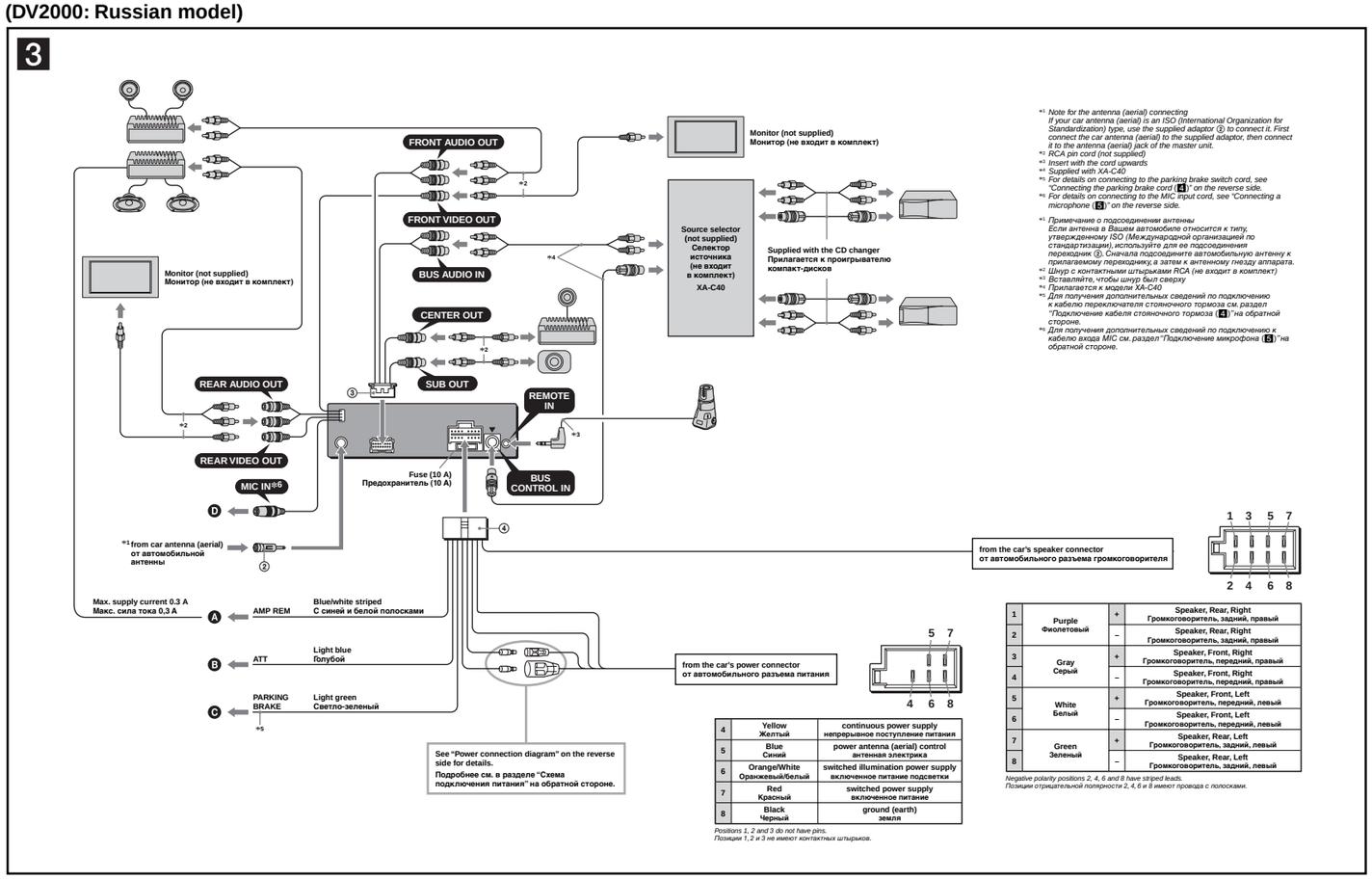


**1 RCA pin cord (not supplied)*
**2 Insert with the cord upwards.*
**3 For details on connecting to the parking brake switch cord, see "Connecting the parking brake cord (E)" on the reverse side.*
**4 For details on connecting to the MIC input cord, see "Connecting a microphone (B)" on the reverse side.*

**1 Cable con terminales RCA (no suministrado)*
**2 Insertar con el cable hacia arriba.*
**3 Para obtener detalles acerca de cómo conectar el cable de conmutación del freno de estacionamiento, consulte "Conexión del cable del freno de estacionamiento (E)" en el dorso.*
**4 Para obtener detalles acerca de cómo conectar el cable de entrada MIC, consulte "Conexión de un micrófono (B)" en el dorso.*

*1 RCA 针式电线（非附送）
*2 电线向上插入。
*3 有关连接至停车制动开关导线的详细说明，请参阅反面的“连接停车制动电线（E）”。
*4 有关连接MIC输入导线的详细说明，请参阅反面的“连接麦克风（B）”。

(DV2000: Russian model)


3
FRONT AUDIO OUT
FRONT VIDEO OUT
BUS AUDIO IN
CENTER OUT
SUB OUT
REAR AUDIO OUT
REAR VIDEO OUT
MIC IN*6
REMOTE IN
BUS CONTROL IN
Fuse (10 A)
Предохранитель (10 A)
Monitor (not supplied)
Монитор (не входит в комплект)
Source selector (not supplied)
Селектор источника (не входит в комплект)
XA-C40
Supplied with the CD changer
Прилагается к проигрывателю компакт-дисков
*1 from car antenna (aerial)
от автомобильной антенны
from the car's speaker connector
от автомобильного разъема громкоговорителя
from the car's power connector
от автомобильного разъема питания
Max. supply current 0.3 A
Макс. сила тока 0,3 А
A AMP REM Blue/white striped С синей и белой полосками
B ATT Light blue Голубой
C PARKING BRAKE Light green Светло-зеленый
*5
See "Power connection diagram" on the reverse side for details.
Подробнее см. в разделе "Схема подключения питания" на обратной стороне.
1 3 5 7
2 4 6 8
5 7
4 6 8

1	Purple Фиолетовый	+	Speaker, Rear, Right Громкоговоритель, задний, правый
2		–	Speaker, Rear, Right Громкоговоритель, задний, правый
3	Gray Серый	+	Speaker, Front, Right Громкоговоритель, передний, правый
4		–	Speaker, Front, Right Громкоговоритель, передний, правый
5	White Белый	+	Speaker, Front, Left Громкоговоритель, передний, левый
6		–	Speaker, Front, Left Громкоговоритель, передний, левый
7	Green Зеленый	+	Speaker, Rear, Left Громкоговоритель, задний, левый
8		–	Speaker, Rear, Left Громкоговоритель, задний, левый

Negative polarity positions 2, 4, 6 and 8 have striped leads.
Позиции отрицательной полярности 2, 4, 6 и 8 имеют провода с полосками.

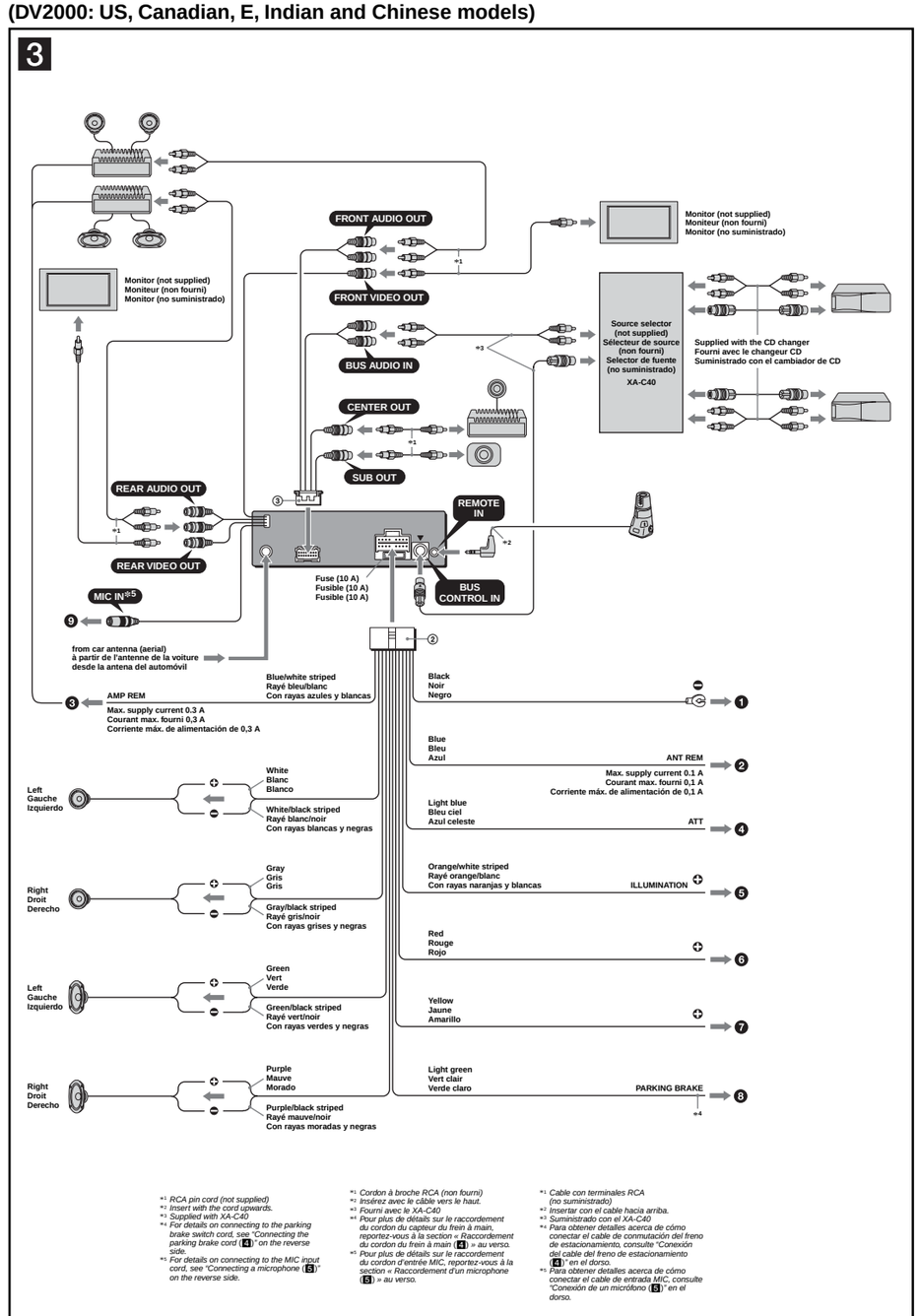
4	Yellow Желтый	continuous power supply непрерывное поступление питания
5	Blue Синий	power antenna (aerial) control антенная электрика
6	Orange/White Оранжевый/белый	switched illumination power supply включенное питание подсветки
7	Red Красный	switched power supply включенное питание
8	Black Черный	ground (earth) земля

Positions 1, 2 and 3 do not have pins.
Позиции 1, 2 и 3 не имеют контактных штырьков.

**1 Note for the antenna (aerial) connecting*
If your car antenna (aerial) is an ISO (International Organization for Standardization) type, use the supplied adaptor ③ to connect it. First connect the car antenna (aerial) to the supplied adaptor, then connect it to the antenna (aerial) jack of the master unit.
**2 RCA pin cord (not supplied)*
**3 Insert with the cord upwards*
**4 Supplied with XA-C40*
**5 For details on connecting to the parking brake switch cord, see "Connecting the parking brake cord (4)" on the reverse side.*
**6 For details on connecting to the MIC input cord, see "Connecting a microphone (5)" on the reverse side.*

**1 Примечание о подсоединении антенны*
Если антенна в Вашем автомобиле относится к типу, утвержденному ISO (Международной организацией по стандартизации), используйте для ее подсоединения переходник ③. Сначала подсоедините автомобильную антенну к прилагаемому переходнику, а затем к антенному гнезду аппарата.
**2 Шнур с контактными штырьками RCA (не входит в комплект)*
**3 Вставляйте, чтобы шнур был сверху*
**4 Прилагается к модели XA-C40*
**5 Для получения дополнительных сведений по подключению к кабелю переключателя стояночного тормоза см. раздел "Подключение кабеля стояночного тормоза (4)" на обратной стороне.*
**6 Для получения дополнительных сведений по подключению к кабелю входа MIC см. раздел "Подключение микрофона (5)" на обратной стороне.*

(DV2000: US, Canadian, E, Indian and Chinese models)



**1 RCA pin cord (not supplied)*
**2 Insert with the cord upwards.*
**3 Supplied with XA-C40*
**4 For details on connecting to the parking brake switch cord, see "Connecting the parking brake cord (4)" on the reverse side.*
**5 For details on connecting to the MIC input cord, see "Connecting a microphone (5)" on the reverse side.*

**1 Cordon à broche RCA (non fourni)*
**2 Insérez avec le câble vers le haut.*
**3 Fourni avec le XA-C40*
**4 Pour plus de détails sur le raccordement du cordon du capteur du frein à main, reportez-vous à la section « Raccordement du cordon du frein à main (4) » au verso.*
**5 Pour plus de détails sur le raccordement du cordon d'entrée MIC, reportez-vous à la section « Raccordement d'un microphone (5) » au verso.*

**1 Cable con terminales RCA (no suministrado)*
**2 Insertar con el cable hacia arriba.*
**3 Suministrado con el XA-C40*
**4 Para obtener detalles acerca de cómo conectar el cable de conmutación del freno de estacionamiento, consulte "Conexión del cable del freno de estacionamiento (4)" en el dorso.*
**5 Para obtener detalles acerca de cómo conectar el cable de entrada MIC, consulte "Conexión de un micrófono (5)" en el dorso.*

MEX-DV1000/DV2000

(US, Canadian, E, Indian and Chinese models)

4

Foot brake type
Type frein à pied
Tipo de freno de pedal

Parking brake switch cord
Cordon du capteur du frein à main
Cable de conmutación del freno de estacionamiento

Hand brake type
Type frein à main
Tipo de freno manual

Parking brake switch cord
Cordon du capteur du frein à main
Cable de conmutación del freno de estacionamiento

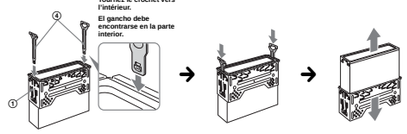
5

6 **1**

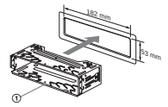
Orient the release key correctly.
Orientez correctement la clé de déblocage.
Oriente la llave de liberación en la dirección correcta.

2

Face the hook inwards.
Tournez le crochet vers l'intérieur.
El gancho debe encontrarse en la parte interior.

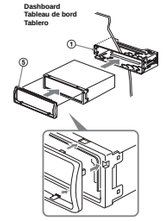


7 **1**

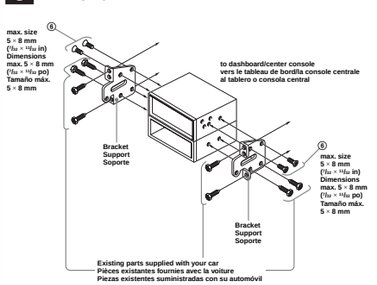


2

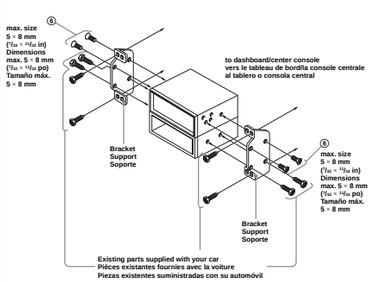
3



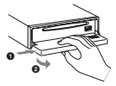
8 **A** TOYOTA



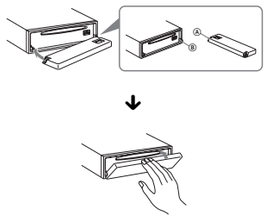
B NISSAN



9 **A**



B



Precautions

– Choose the installation location carefully so that the unit will not interfere with normal driving operations.
– Avoid installing the unit in areas subject to dust, dirt, excessive vibration, or high temperatures, such as in direct sunlight or near heater ducts.
– Use only the supplied mounting hardware for a safe and secure installation.

Mounting angle adjustment

Adjust the mounting angle to less than 45°.

Connecting the parking brake cord 4

Be sure to connect the parking cord (Light green) of ② to the parking brake switch cord. The mounting position of the parking brake switch cord depends on your car. Consult your car dealer or your nearest Sony dealer for further details.

Connecting a microphone 5

Connection example

Notes

- *Whether in use or not, route the MIC input cord such that it does not interfere with driving. Secure with a cord clamp, etc., if the cords are installed around your feet.*
- *The Karaoke function is unavailable while driving.*

Removing the protection collar and the bracket 6

Before installing the unit, remove the protection collar ⑥ and the bracket ① from the unit.

1 Remove the protection collar ⑥.
❶ Engage the release keys ④ together with the protection collar ⑥.
❷ Pull out the release keys ④ to remove the protection collar ⑥.

2 Remove the bracket ①.
❶ Insert both release keys ④ together between the unit and the bracket ① until they click.
❷ Pull down the bracket ①, then pull up the unit to separate.

Mounting example 7

Installation in the dashboard

Notes

- *Bend these claws outward for a tight fit, if necessary (7-2).*
- *Make sure that the 4 catches on the protection collar ⑥ are properly engaged in the slots of the unit (7-3).*

Mounting the unit in a Japanese car 8

You may not be able to install this unit in some makes of Japanese cars. In such a case, consult your Sony dealer.

Note

To prevent malfunction, install only with the supplied screws ⑤.

How to detach and attach the front panel 9

Before installing the unit, detach the front panel.

9-A To detach

Before detaching the front panel, be sure to press (OFF). Press (OPEN), then slide the front panel to the right, and gently pull out the left end of the front panel.

9-B To attach

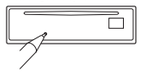
Place the hole Ⓐ of the front panel onto the spindle Ⓑ on the unit, then lightly push the left side in.

Warning if your car's ignition has no ACC position

Be sure to set the Auto Off function. For details, see the supplied Operating Instructions.
The unit will shut off completely and automatically in the set time after the unit is turned off, which prevents battery drain.
If you do not set the Auto Off function, press and hold (OFF) until the display disappears each time you turn the ignition off.

RESET button

When the installation and connections are completed, be sure to press the RESET button with a ball-point pen, etc., after detaching the front panel.



(AEP, UK and Russian models)

4

Foot brake type
Ножной тормоз

Parking brake switch cord
Кабель переключателя стояночного тормоза

Hand brake type
Ручной тормоз

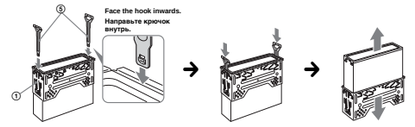
Parking brake switch cord
Кабель переключателя стояночного тормоза

5

6 **1**

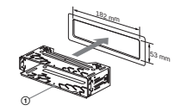
Orient the release key correctly.
Держите ключ для демонтажа надлежащим образом.

2

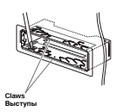


Face the hook inwards.
Направьте крючок внутрь.

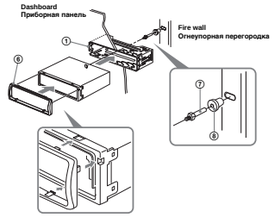
7 **1**



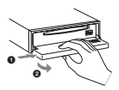
2



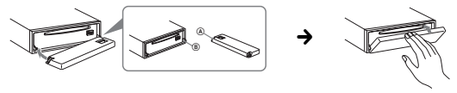
3



8 **A**



B



Precautions

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– Avoid installing the unit in areas subject to dust, dirt, excessive vibration, or high temperatures, such as in direct sunlight or near heater ducts.
– Use only the supplied mounting hardware for a safe and secure installation.

Mounting angle adjustment

Adjust the mounting angle to less than 45°.

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Be sure to connect the parking cord (Light green) of ④ to the parking brake switch cord. The mounting position of the parking brake switch cord depends on your car. Consult your car dealer or your nearest Sony dealer for further details.

Connecting a microphone 5

Connection example

Notes

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Mounting example 7

Installation in the dashboard

Notes

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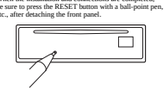
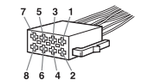


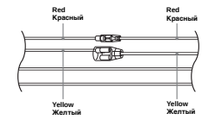
Power connection diagram

Auxiliary power connector may vary depending on the car. Check your car's auxiliary power connector diagram to make sure the connections match correctly. There are three basic types (illustrated below). You may need to switch the positions of the red and yellow leads in the car stereo's power supply lead.
After matching the connections and switched power supply leads correctly, connect the unit to the car's power supply. If you have any questions and problems connecting your unit that are not covered in this manual, please consult the car dealer.

Auxiliary power connector
Вспомогательный разъем питания

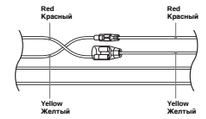


a



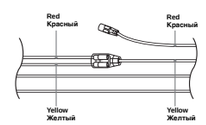
4	Yellow Желтый	continuous power supply непрерывное поступление питания	7	Red Красный	switched power supply включенное питание

b



4	Yellow Желтый	switched power supply включенное питание	7	Red Красный	continuous power supply непрерывное поступление питания

c

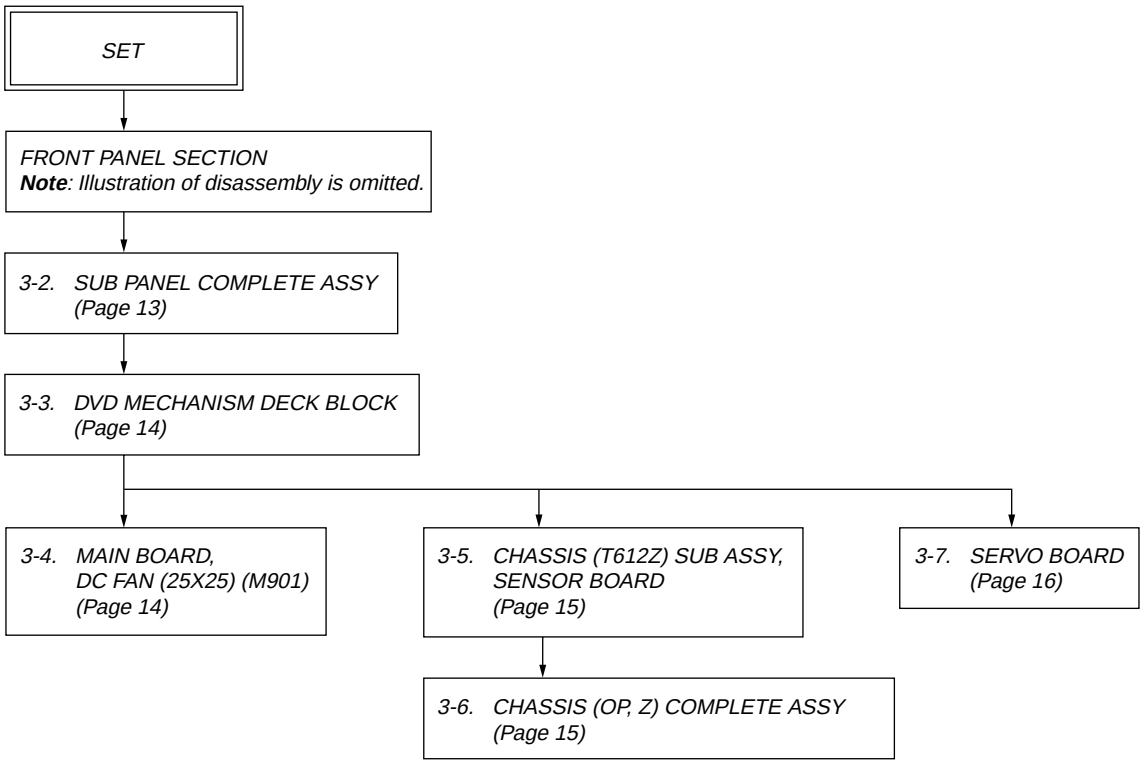


the car without ACC position
автомобиль не имеет положения ACC

SECTION 3
DISASSEMBLY

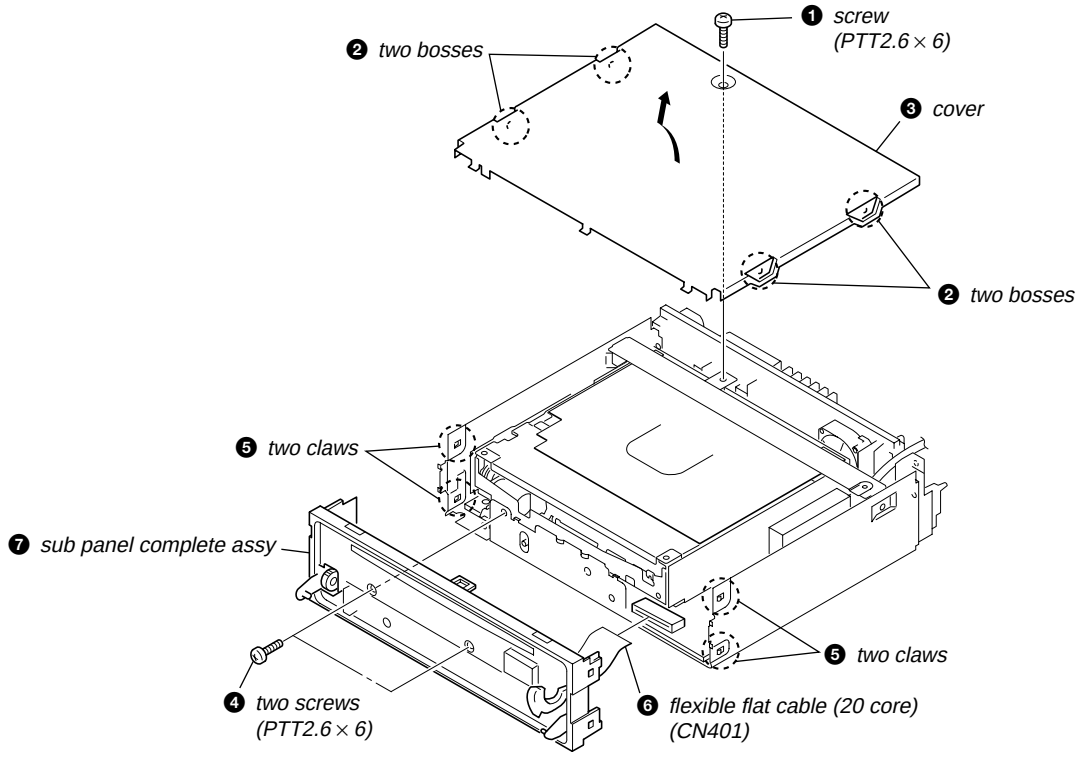
- This set can be disassembled in the order shown below.

3-1. DISASSEMBLY FLOW

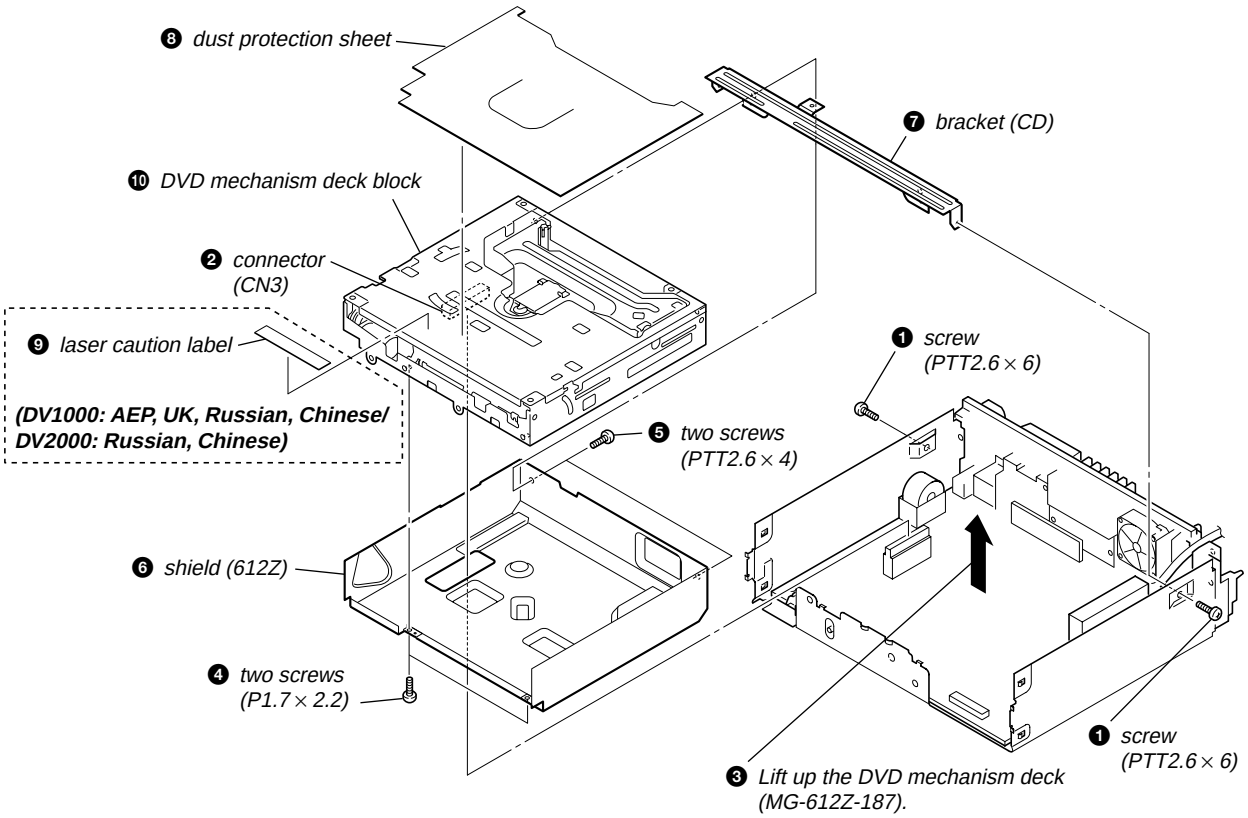

SET
FRONT PANEL SECTION
Note: Illustration of disassembly is omitted.
3-2. SUB PANEL COMPLETE ASSY (Page 13)
3-3. DVD MECHANISM DECK BLOCK (Page 14)
3-4. MAIN BOARD, DC FAN (25X25) (M901) (Page 14)
3-5. CHASSIS (T612Z) SUB ASSY, SENSOR BOARD (Page 15)
3-7. SERVO BOARD (Page 16)
3-6. CHASSIS (OP, Z) COMPLETE ASSY (Page 15)

Note: Follow the disassembly procedure in the numerical order given.

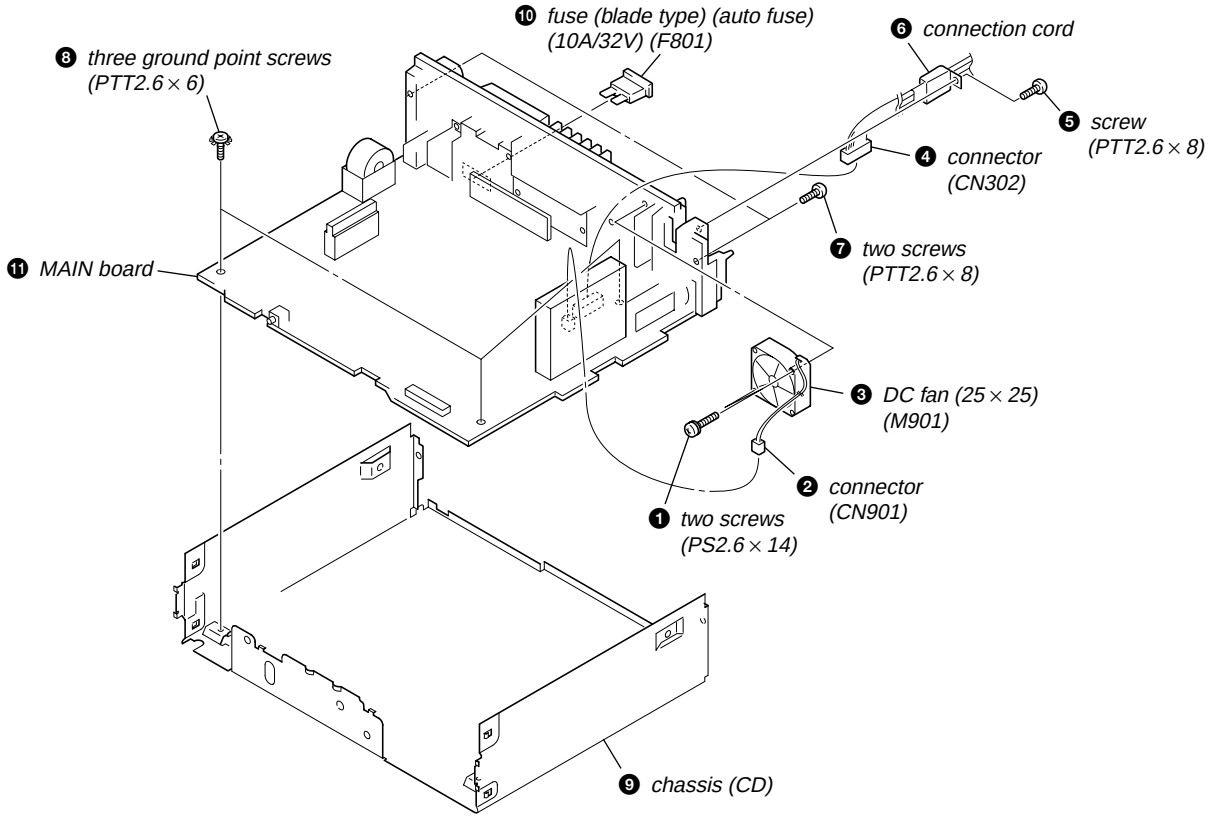
3-2. SUB PANEL COMPLETE ASSY


❶ screw (PTT2.6 × 6)
❷ two bosses
❸ cover
❷ two bosses
❺ two claws
❼ sub panel complete assy
❺ two claws
❹ two screws (PTT2.6 × 6)
❻ flexible flat cable (20 core) (CN401)

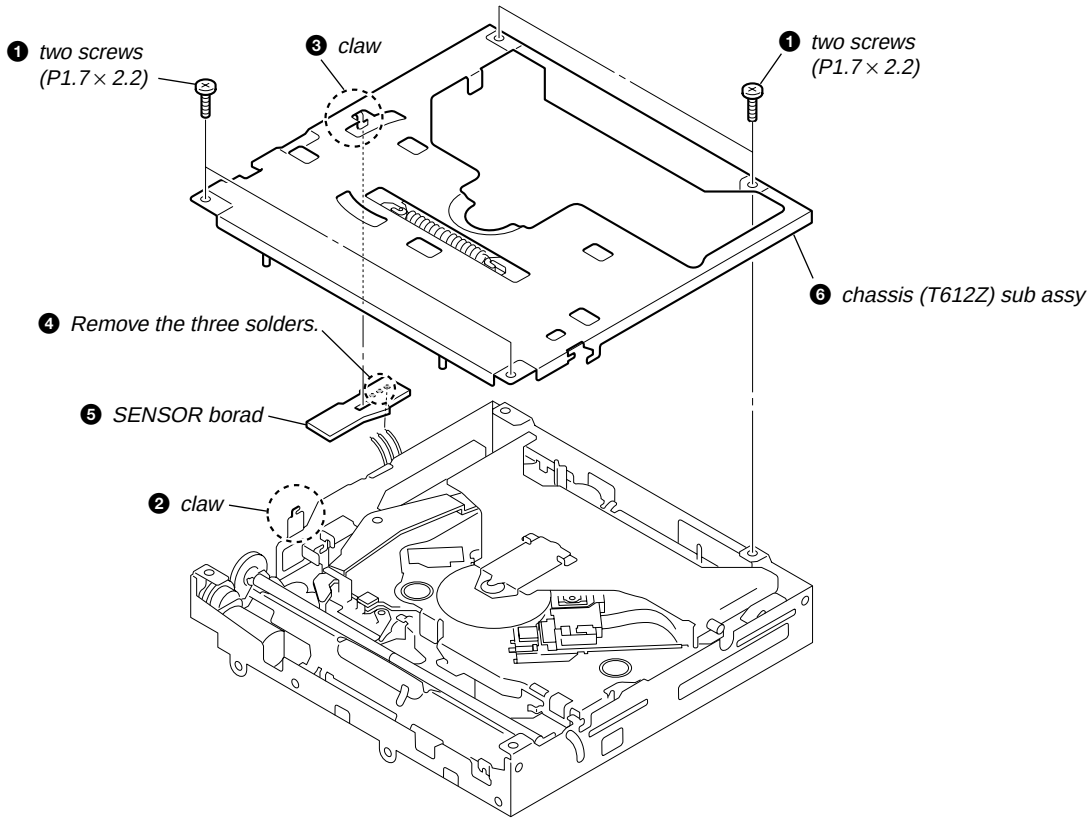
3-3. DVD MECHANISM DECK BLOCK


❽ dust protection sheet
❼ bracket (CD)
❿ DVD mechanism deck block
❷ connector (CN3)
❾ laser caution label
(DV1000: AEP, UK, Russian, Chinese/ DV2000: Russian, Chinese)
❶ screw (PTT2.6 × 6)
❺ two screws (PTT2.6 × 4)
❻ shield (612Z)
❹ two screws (P1.7 × 2.2)
❶ screw (PTT2.6 × 6)
❸ Lift up the DVD mechanism deck (MG-612Z-187).

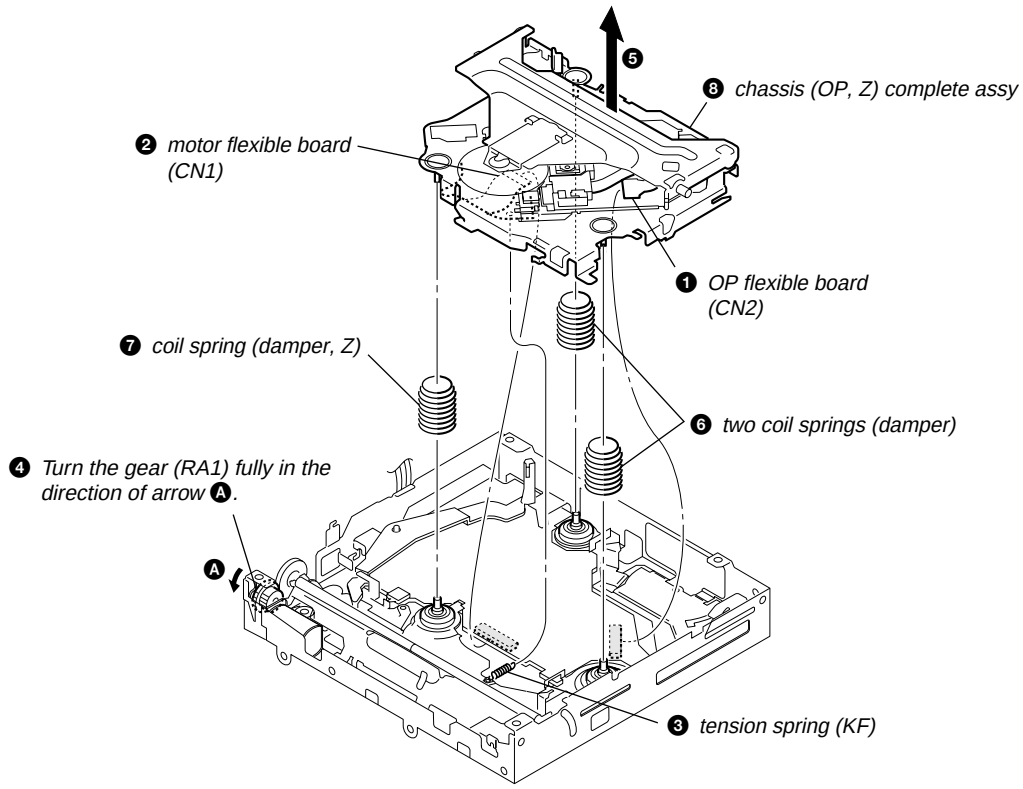
3-4. MAIN BOARD, DC FAN (25X25) (M901)


❿ fuse (blade type) (auto fuse) (10A/32V) (F801)
❻ connection cord
❽ three ground point screws (PTT2.6 × 6)
❺ screw (PTT2.6 × 8)
❹ connector (CN302)
⓫ MAIN board
❼ two screws (PTT2.6 × 8)
❸ DC fan (25 × 25) (M901)
❷ connector (CN901)
❶ two screws (PS2.6 × 14)
❾ chassis (CD)

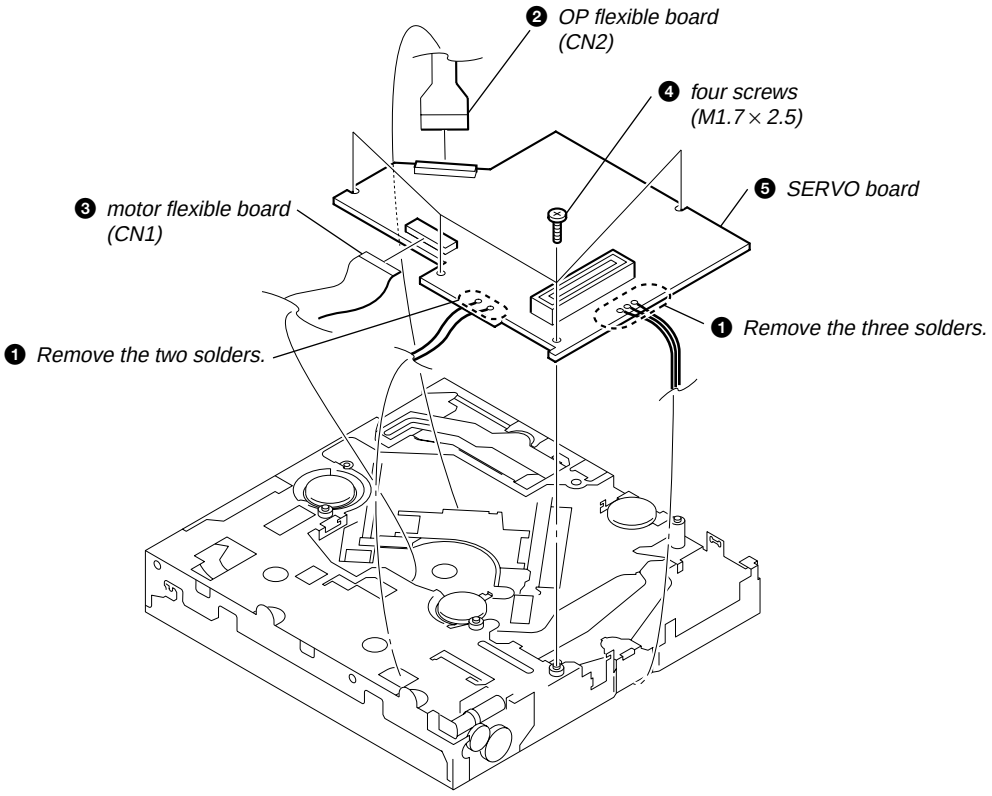
3-5. CHASSIS (T612Z) SUB ASSY, SENSOR BOARD



3-6. CHASSIS (OP, Z) COMPLETE ASSY


❺
❽ chassis (OP, Z) complete assy
❷ motor flexible board (CN1)
❶ OP flexible board (CN2)
❼ coil spring (damper, Z)
❻ two coil springs (damper)
❹ Turn the gear (RA1) fully in the direction of arrow Ⓐ.
Ⓐ
❸ tension spring (KF)

3-7. SERVO BOARD



– Bottom view –

SECTION 4
ELECTRICAL ADJUSTMENTS

SERVO SECTION

If any of the following parts was replaced, perform the "IOP Check" and "E, F Signal Offset Adjustments" as mentioned below.

- Optical pick-up block (chassis (OP, Z) complete assy or chassis (OP, Z) sub assy)
- Mounted SERVO board
- SERVO board: IC2
  R4, R5, R7, R8, R9, R10, R19, R27, R28, R29, R31, R34, RV1, RV2

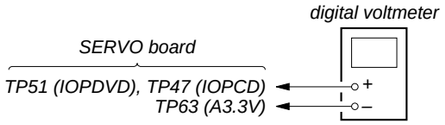
Precaution

Use the following tools and measuring devices.

- Extension jig (Part No. : J-2502-107-1) between the SERVO board and the MAIN board
- DVD test disc TDV-540C (Part No. : 7-819-098-53)
- CD test disc PATD-012 (Part No. : 4-225-203-01)
- Driver for adjustment
- TV moniter
- Digital voltmeter
- Oscilloscope
- Accessory remote commander
  RM-X161 (DV2000: US and Canadian models)
  RM-X162 (DV2000: Russian model)
  RM-X163 (DV2000: E, Indian and Chinese models)
  RM-X166 (DV1000: AEP, UK and Russian models)
  RM-X167 (DV1000: E, Indian and Chinese models)

IOP CHECK

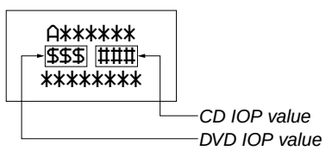
Connection:



Procedure:

1. Check the IOP value of DVD and CD by label on the optical pick-up.

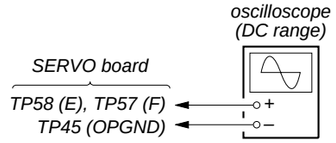
Optical Pick-up Label:



2. Connect a digital voltmeter to TP51 (IOPDVD) and TP63 (A3.3V) on the SERVO board.
3. Playback the DVD test disc (TDV-540C), and make a note of the value of digital voltmeter.
4. Divide the measured voltage value by 1, and convert it into current value.
5. Check that the calculated value is within ±6 mA to the IOP value given on the label.
6. Connect a digital voltmeter to TP47 (IOPCD) and TP63 (A3.3V) on the SERVO board.
7. Playback the CD test disc (PATD-012), and make a note of the value of digital voltmeter.
8. Divide the measured voltage value by 1, and convert it into current value.
9. Check that the calculated value is within ±6 mA to the IOP value given on the label.

E, F SIGNAL OFFSET ADJUSTMENTS

Connection:



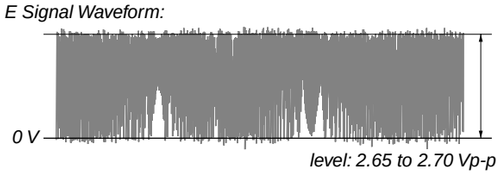
Procedure:

1. Connect an oscilloscope to TP58 (E) and TP45 (OPGND) on the SERVO board.
2. Connect a TV moniter to VIDEO OUT jack of the set.
3. Insert the CD test disc (PATD-012).
4. Detach the front panel of the set.
5. Press the [RESET] button of the set in the state of chucking.
6. Attach the front panel of the set.
7. Escape the setup of the set (It becomes a clock display).
8. In the standby status, press the [4] key of the set or the remote commander.
9. Press the [5] key of the set or the remote commander.
10. Press the [DSPL] key of the set or the remote commander for more than two seconds.
11. When the test mode activated, it is display in the TV monitor as shown in the figure below.

Version : Master FF.02 Debug Mode
F / E 26A11
B / E 15.08.53.00-0136
Regional Code : 9
Medium : No Disc
Formal : No Disc
Title No. : 000
Chapter / Track No. : 000
Playback Time : 00 : 00 : 00
Playback Status : STOP
Jitter : 00.000 %
Tracking
Cplay : Not Support
Xplod
DISC PLAYER

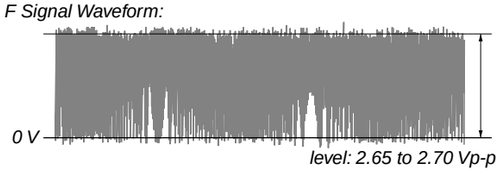
12. Press the [7] key of the remote commander.
13. Adjust the RV2 on the SERVO board so that waveform level of oscilloscope becomes between 2.65 and 2.70 V as follows.

E Signal Waveform:



14. Connect an oscilloscope to TP57 (F) and TP45 (OPGND) on the SERVO board.
15. Adjust the RV1 on the SERVO board so that waveform level of oscilloscope becomes between 2.65 and 2.70 V as follows.

F Signal Waveform:

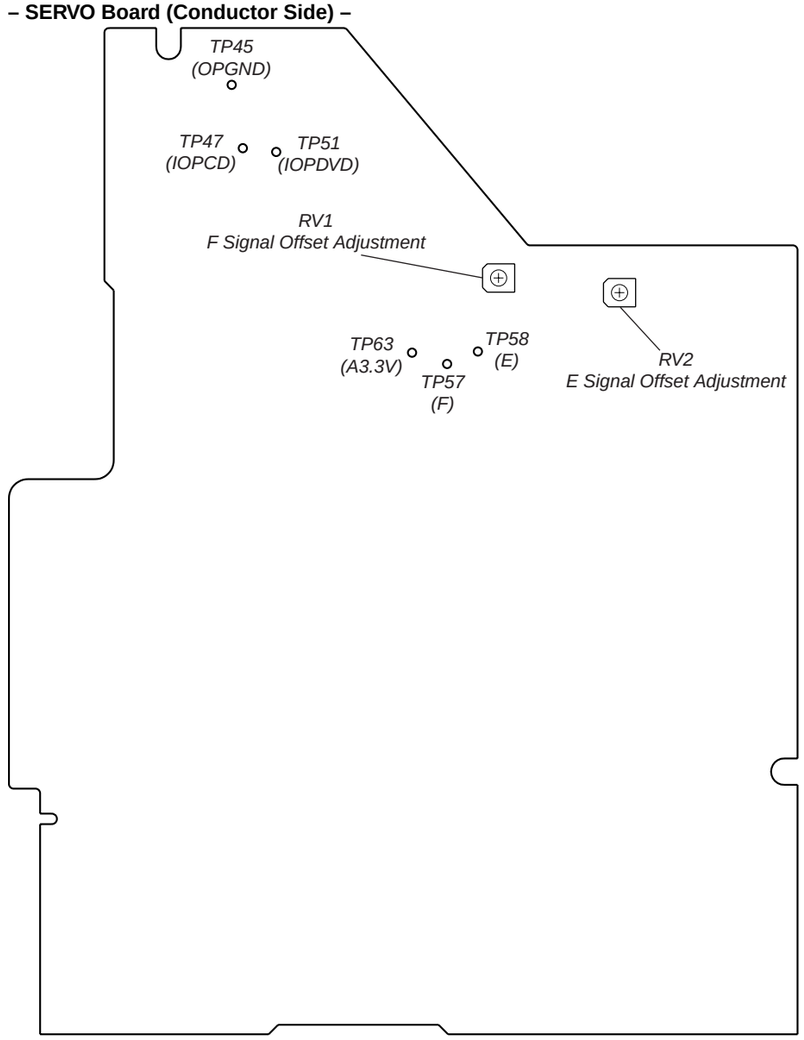


16. Press the [9] button on the remote commander to stop the CD test disc.

Note: When you feel the doubt in the operation of the test mode in each adjustment and check item, enter the test mode again once after pressing the [RESET] button of the set.

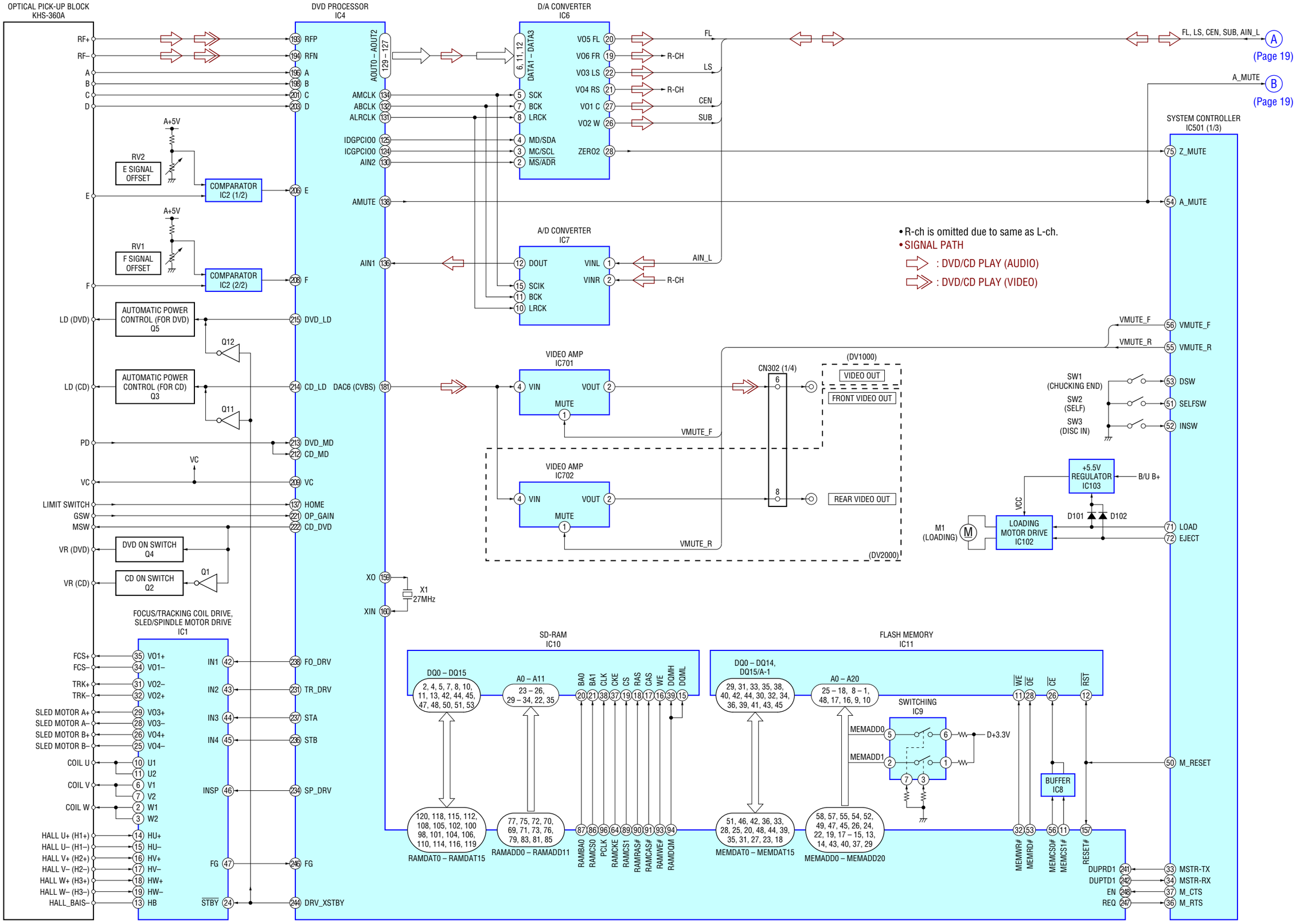
Adjustments Location:

– SERVO Board (Conductor Side) –

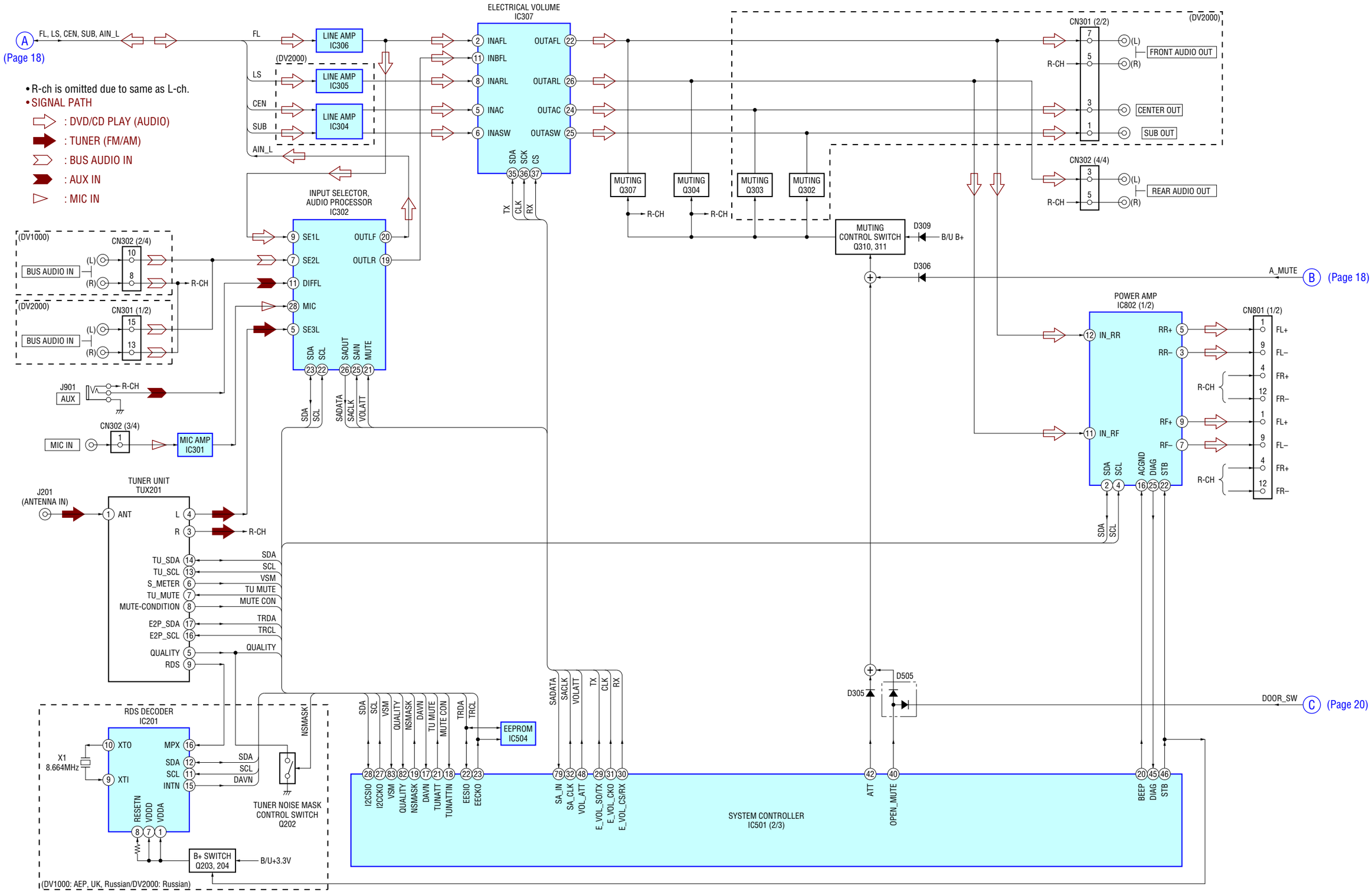


SECTION 5
DIAGRAMS

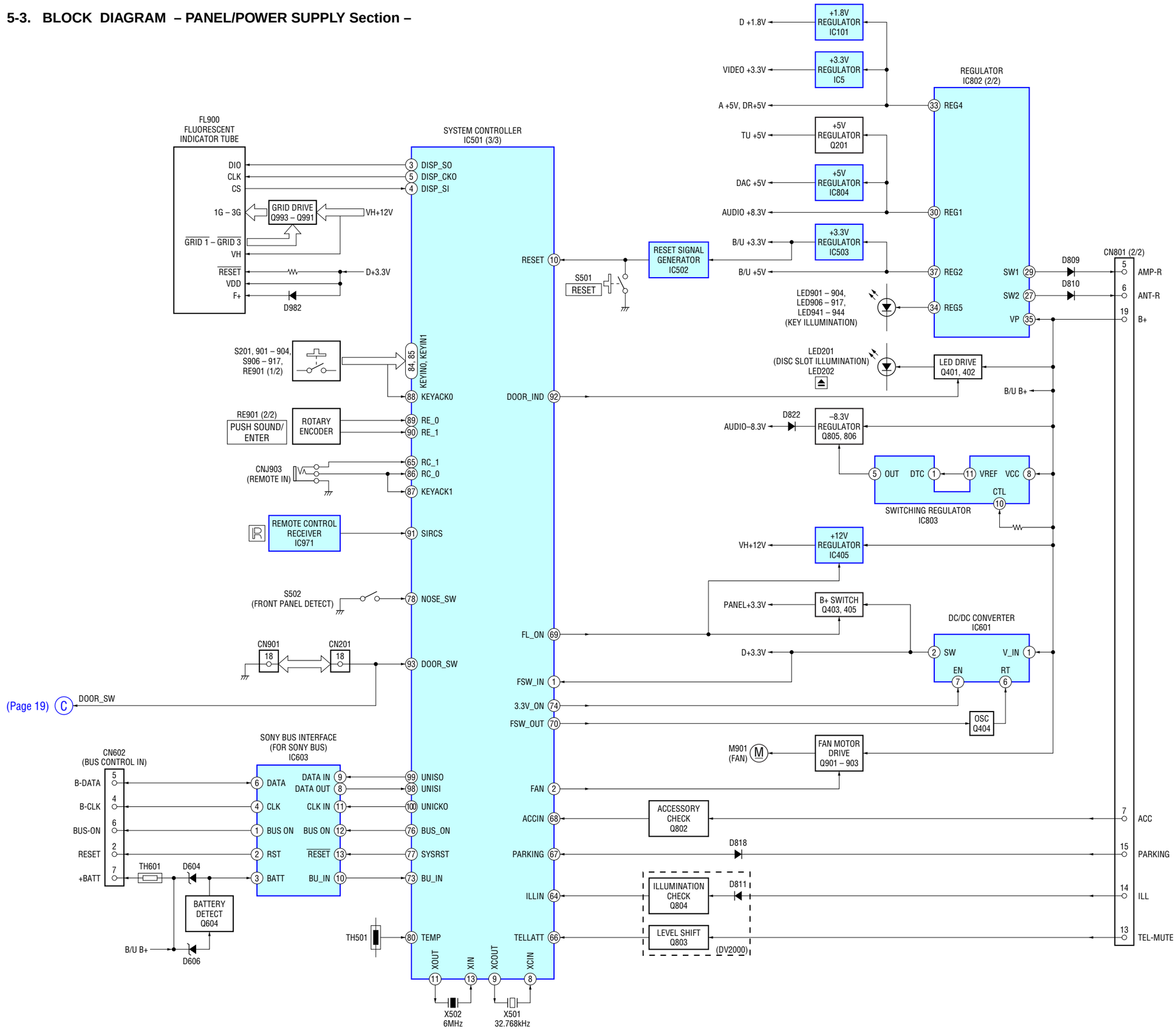
5-1. BLOCK DIAGRAM – SERVO/VIDEO Section –



5-2. BLOCK DIAGRAM – TUNER/AUDIO Section –



5-3. BLOCK DIAGRAM – PANEL/POWER SUPPLY Section –



• Note for Printed Wiring Boards and Schematic Diagrams

Note on Printed Wiring Board:

- ○——— : parts extracted from the component side.
- ——— : parts extracted from the conductor side.
- △ : internal component.
- ▬ : Pattern from the side which enables seeing.

(The other layers' patterns are not indicated.)

Caution:	
Pattern face side: (Conductor Side)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Component Side)	Parts on the parts face side seen from the parts face are indicated.

Caution:	
Pattern face side: (Side B)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Side A)	Parts on the parts face side seen from the parts face are indicated.

- SERVO board is multi-layer printed board. However, the patterns of intermediate-layer have not been included in this diagrams.

Note on Schematic Diagram:

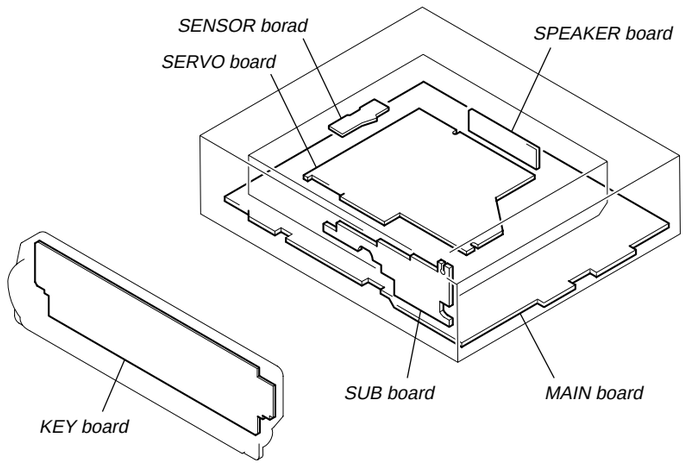
- All capacitors are in µF unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- ▭ : panel designation.

Note:	**Note:**
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

原理图和零件清单中标有⚠记号的零部件，或带有⚠记号的虚线所圈示的零部件，对于维系安全至关重要。因此只能以指定号码的零部件来更换。

- ▬ : B+ Line.
- ▬ ▬ ▬ : B– Line.
- ▭ : adjustment for repair.
- Power voltage is dc 14.4V and fed with regulated dc power supply from ACC and BATT cords.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : TUNER (FM/AM)
  ( ) : DVD PLAY
  * : Impossible to measure
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  ⇨ : DVD/CD PLAY (AUDIO)
  ⇨ : DVD/CD PLAY (VIDEO)
  ➡ : TUNER (FM/AM)
  ⇨ : BUS AUDIO IN
  ➡ : AUX IN
  ▷ : MIC IN
- Abbreviation
  CH : Chinese model
  CND : Canadian model
  IND : Indian model
  RU : Russian model

• Circuit Boards Location



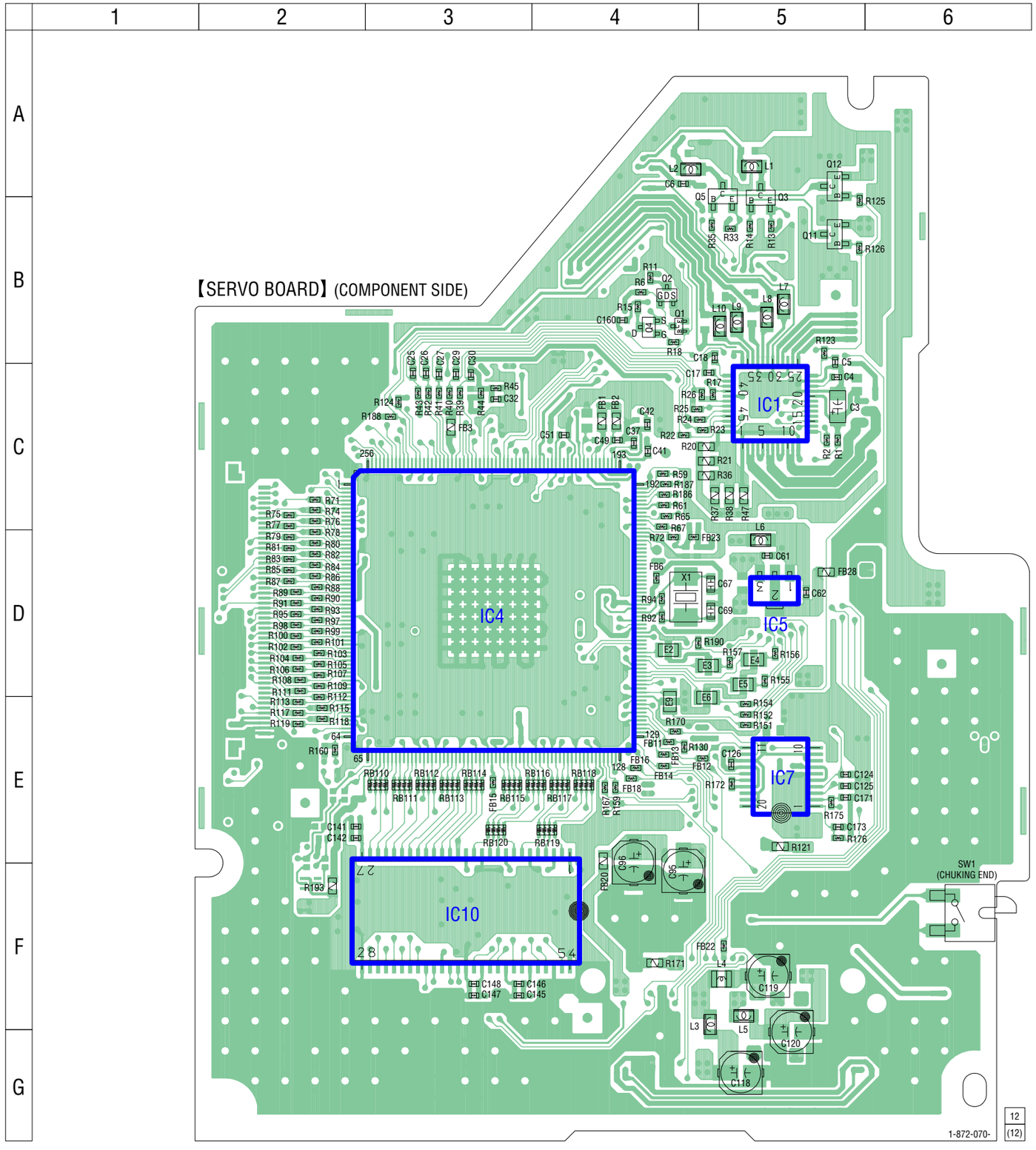
5-4. PRINTED WIRING BOARD – SERVO Section (1/2) –

• See page 21 for Circuit Boards Location.

: Uses unleaded solder.

• **Semiconductor Location**

Ref. No.	Location
IC1	C-5
IC4	D-3
IC5	D-5
IC7	E-5
IC10	F-3
Q1	B-4
Q2	B-4
Q3	B-5
Q4	B-4
Q5	B-5
Q11	B-5
Q12	A-5

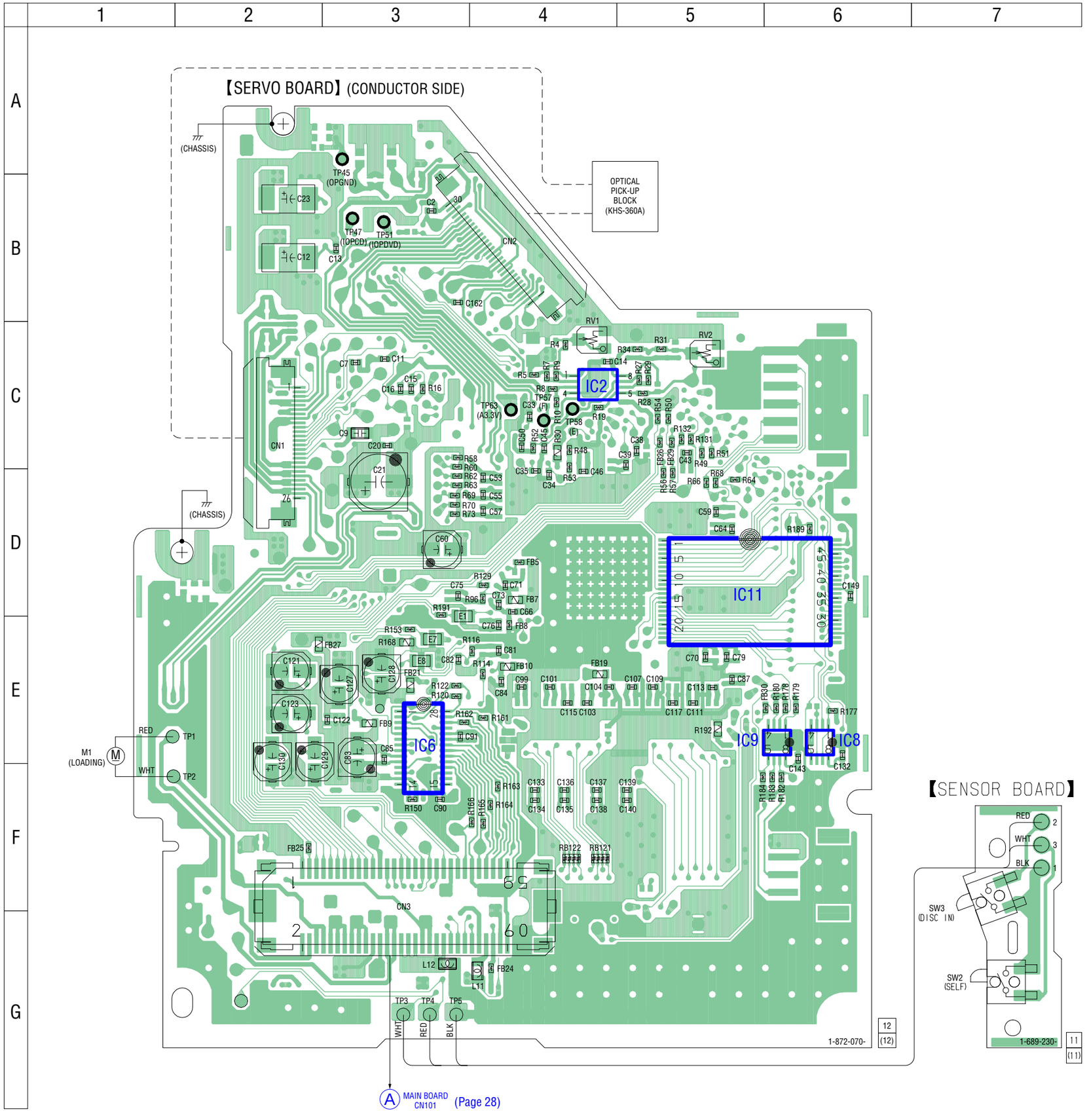


Note: IC4 cannot exchange with single. When IC4 is damaged, exchange the entire mounted board.

5-5. PRINTED WIRING BOARDS – SERVO Section (2/2) –

• See page 21 for Circuit Boards Location.

: Uses unleaded solder.

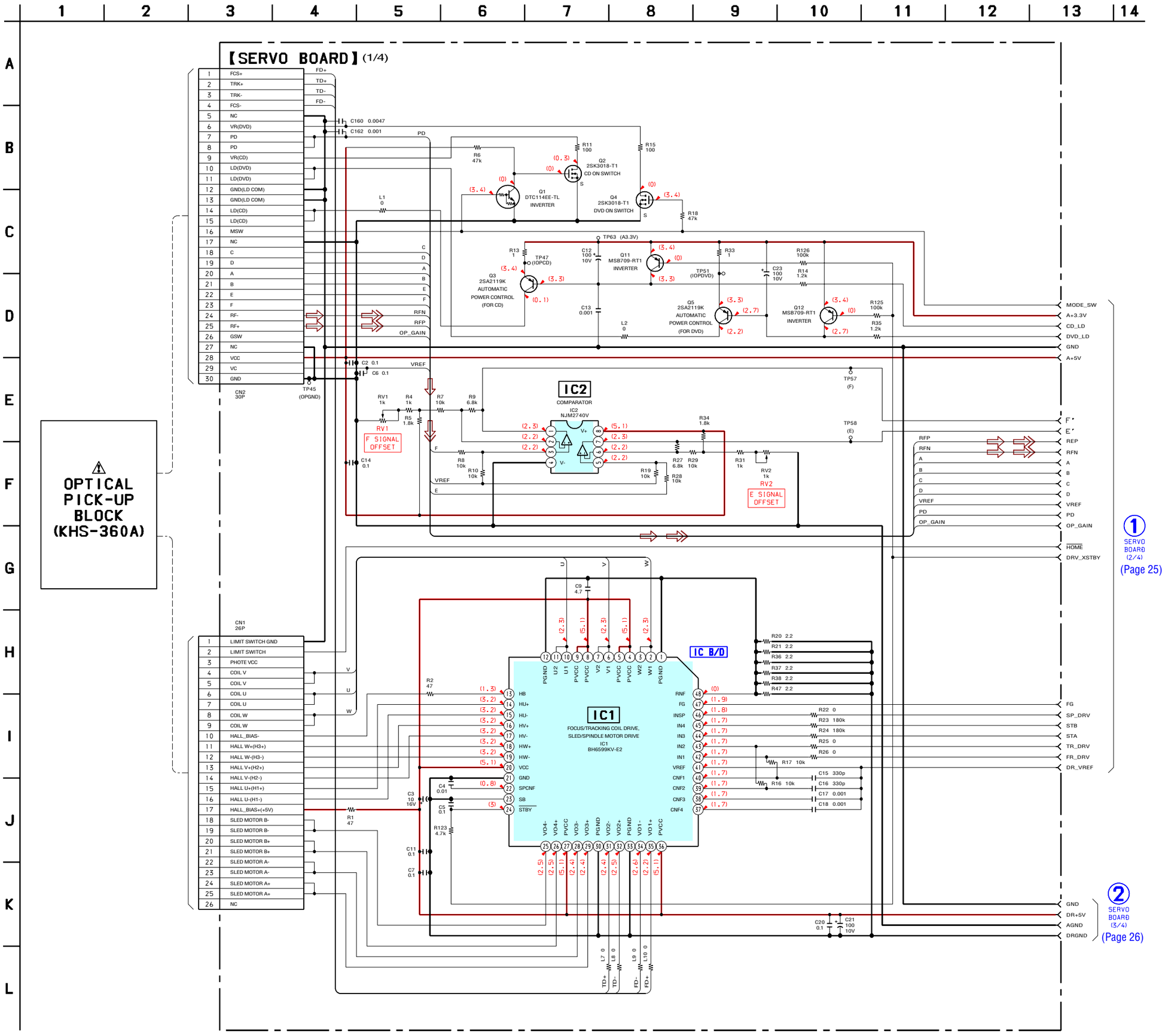


- **Semiconductor Location**

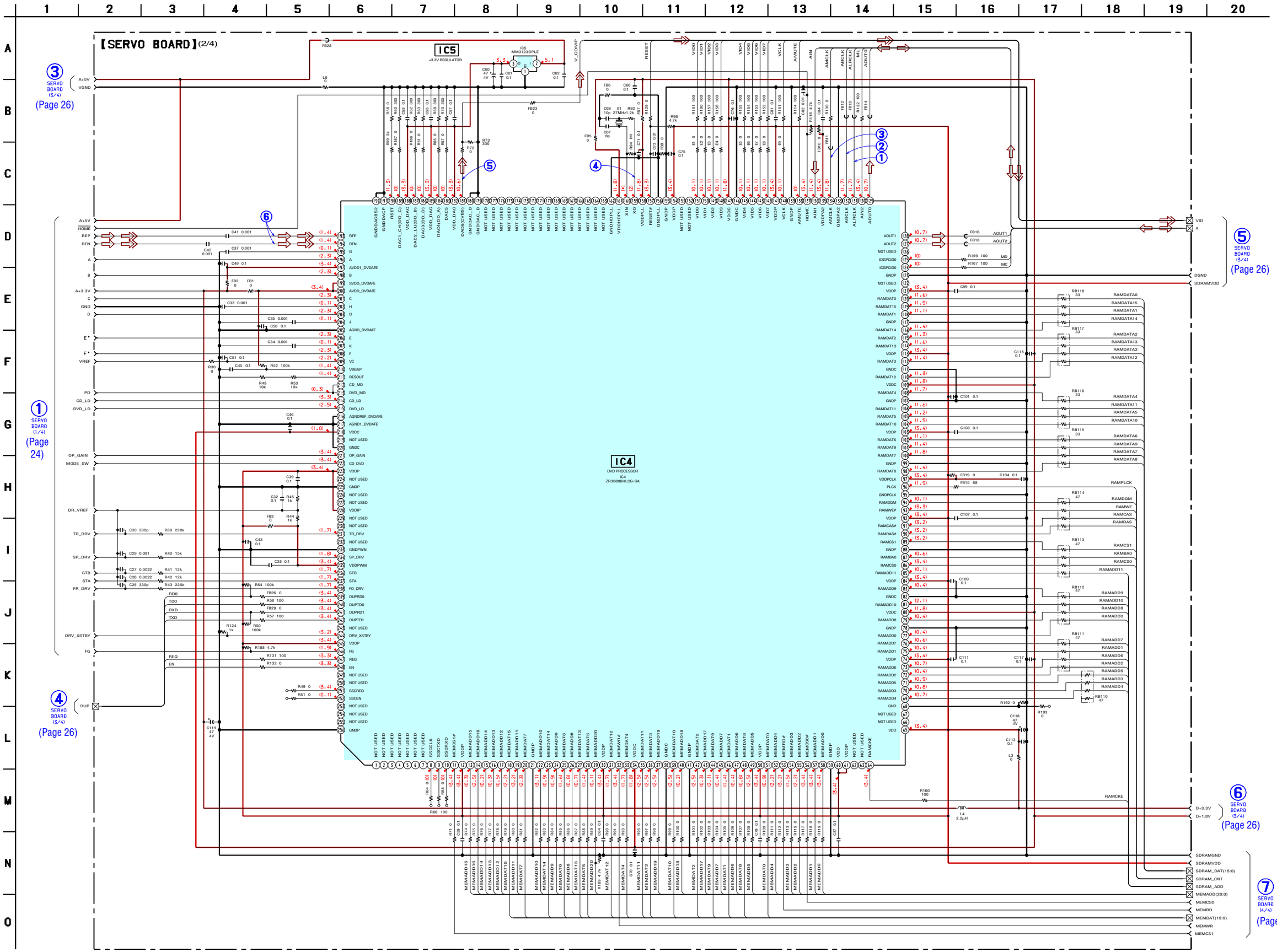
Ref. No.	Location
IC2	C-4
IC6	E-3
IC8	E-6
IC9	E-6
IC11	D-5

5-6. SCHEMATIC DIAGRAM – SERVO Section (1/4) –

• See page 40 for IC Block Diagrams.

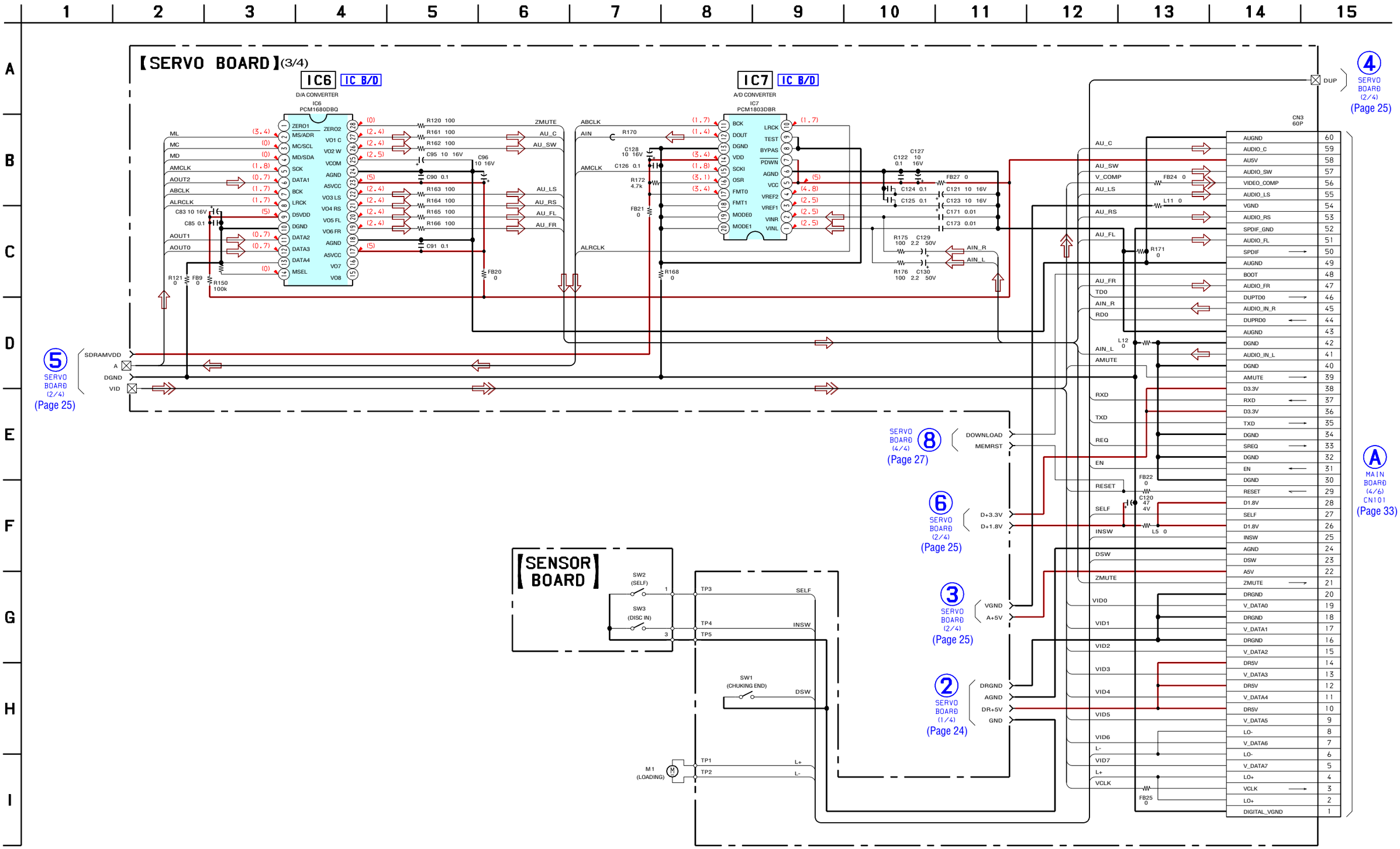


5-7. SCHEMATIC DIAGRAM – SERVO Section (2/4) – • See page 37 for Waveforms. • See page 46 for IC Pin Function Description.

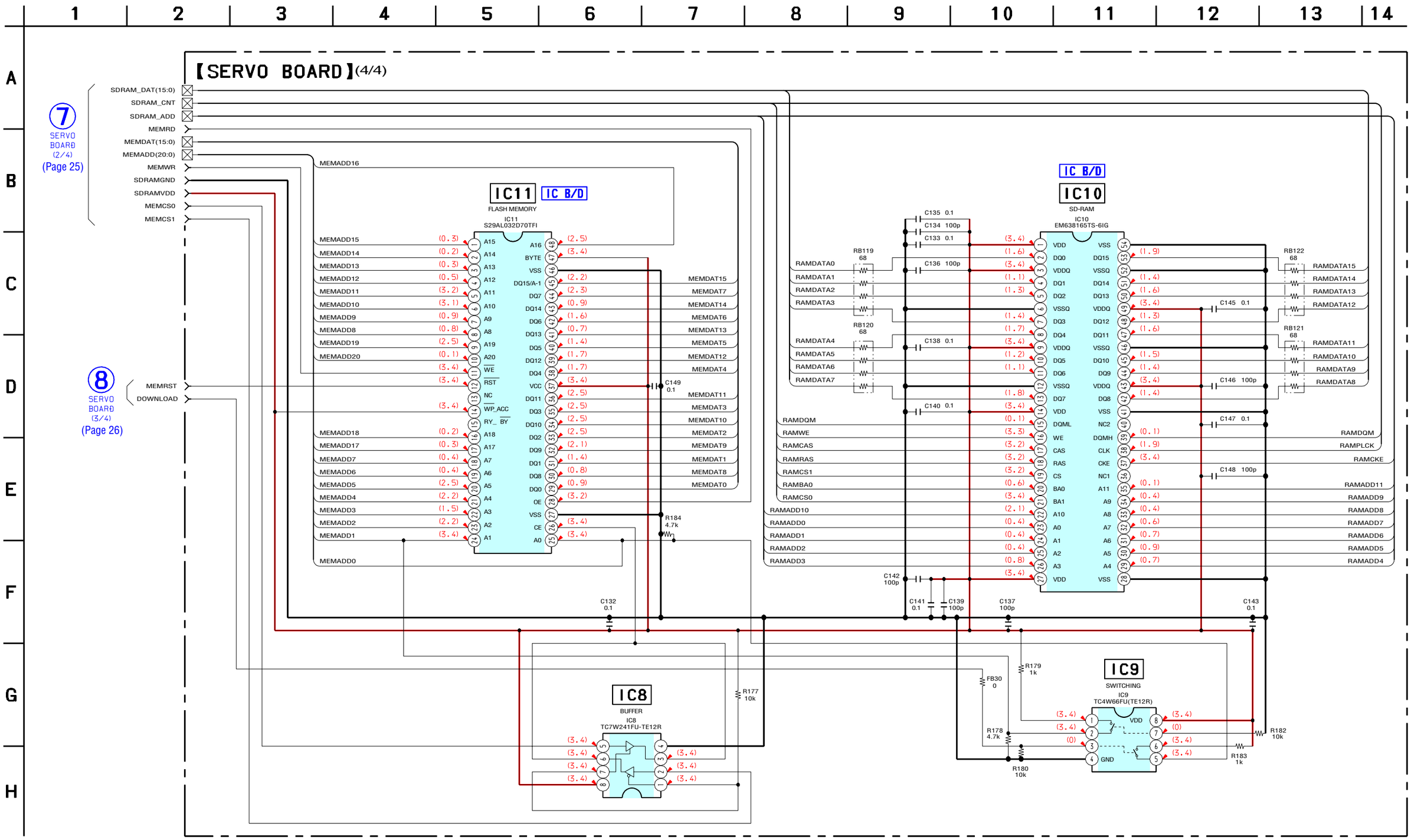


Note: IC4 cannot exchange with single. When IC4 is damaged, exchange the entire mounted board.

5-8. SCHEMATIC DIAGRAM – SERVO Section (3/4) – • See page 40 for IC Block Diagrams.



5-9. SCHEMATIC DIAGRAM – SERVO Section (4/4) – • See page 40 for IC Block Diagrams.



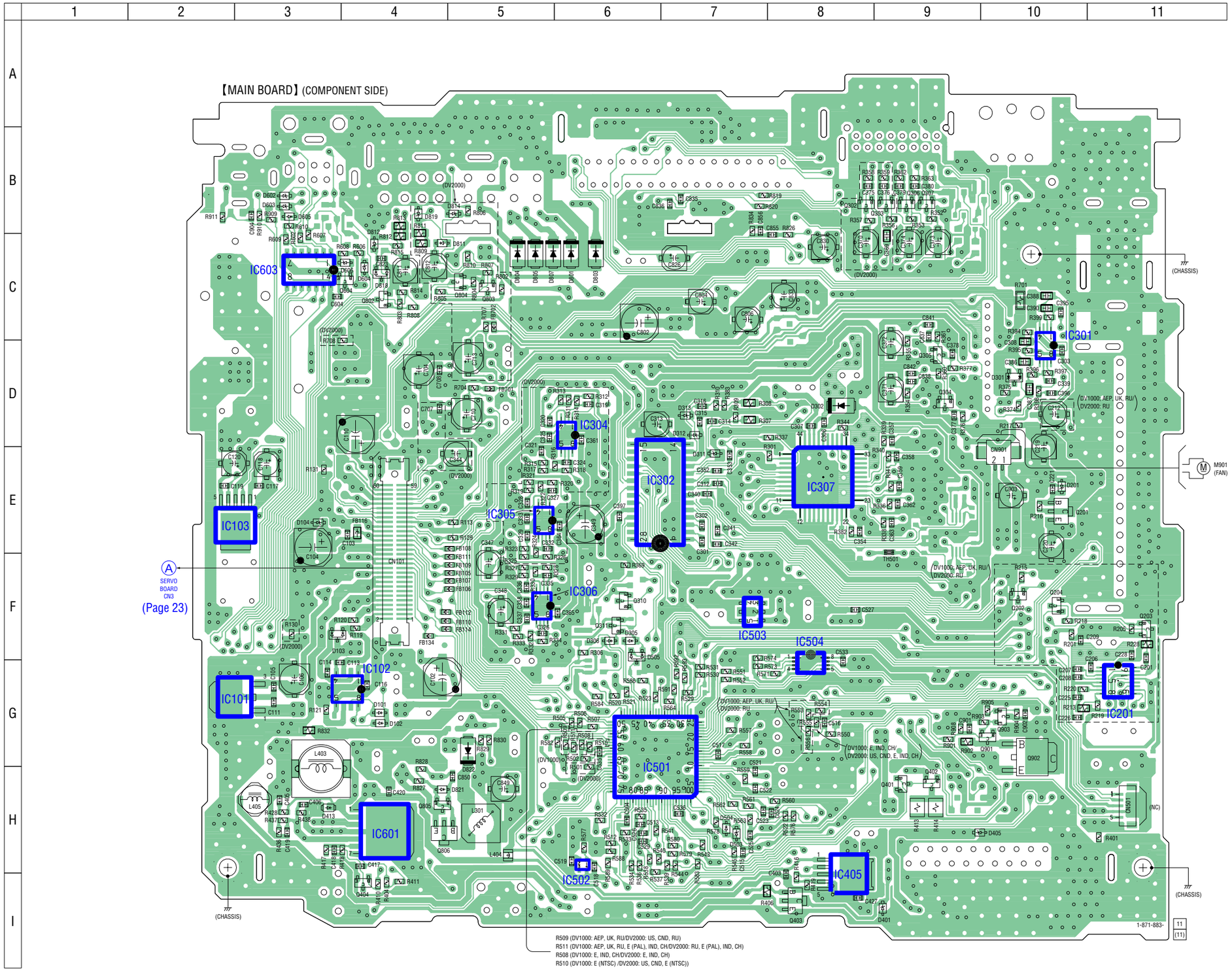
- **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location
D101	G-4	IC301	D-10
D102	G-4	IC302	E-6
D103	F-3	IC304	D-6
D104	E-3	IC305	E-5
D201	E-10	IC306	F-5
D301	D-10	IC307	E-8
D302	D-8	IC405	I-8
D305	F-6	IC501	H-6
D306	F-6	IC502	H-6
D311	E-7	IC503	F-7
D312	D-7	IC504	G-8
D313	D-7	IC601	H-4
D401	I-9	IC603	C-3
D405	H-9		
D413	H-3	Q201	E-10
D503	H-7	Q202	F-10
D504	H-7	Q203	F-11
D505	F-6	Q204	F-10
D602	B-3	Q302	B-8
D603	B-3	Q303	B-9
D604	C-4	Q304	D-9
D605	B-3	Q305	D-9
D606	C-4	Q306	B-9
D801	C-6	Q307	B-9
D803	C-6	Q310	F-6
D804	C-5	Q311	F-6
D805	C-5	Q401	H-9
D807	C-5	Q402	H-9
D811	C-4	Q403	I-8
D812	C-4	Q404	I-4
D814	B-5	Q604	C-4
D818	C-4	Q802	C-4
D819	B-4	Q803	C-5
D821	H-4	Q804	C-5
D822	G-5	Q805	H-4
		Q806	H-4
IC101	G-3	Q901	G-10
IC102	G-4	Q902	G-10
IC103	E-3	Q903	G-10
IC201	G-11		

5-10. PRINTED WIRING BOARD – MAIN Section (1/2) –

• See page 21 for Circuit Boards Location.

: Uses unleaded solder.

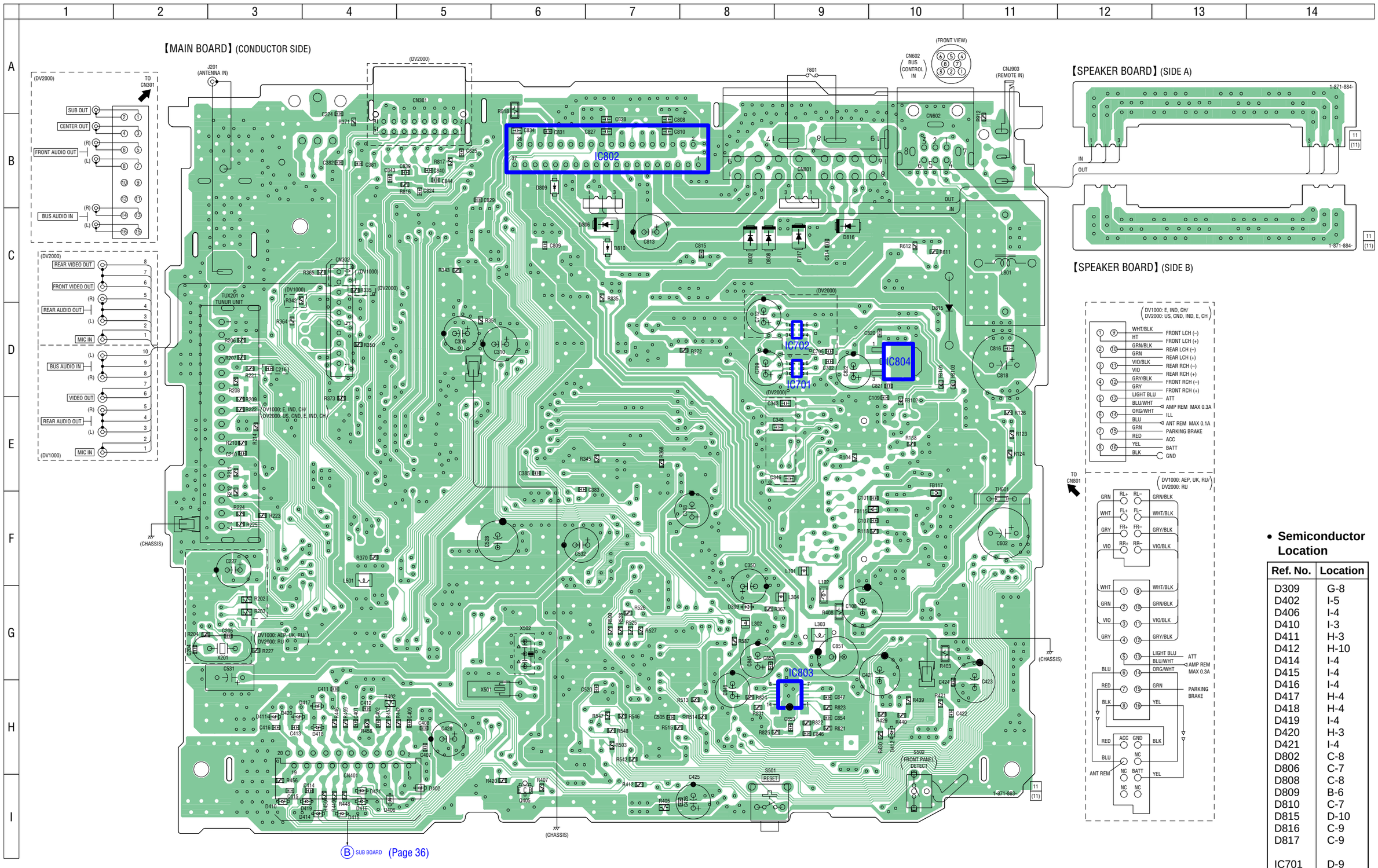


Note: IC501 cannot exchange with single. When IC501 is damaged, exchange the entire mounted board.

5-11. PRINTED WIRING BOARDS – MAIN Section (2/2) –

• See page 21 for Circuit Boards Location.

: Uses unleaded solder.

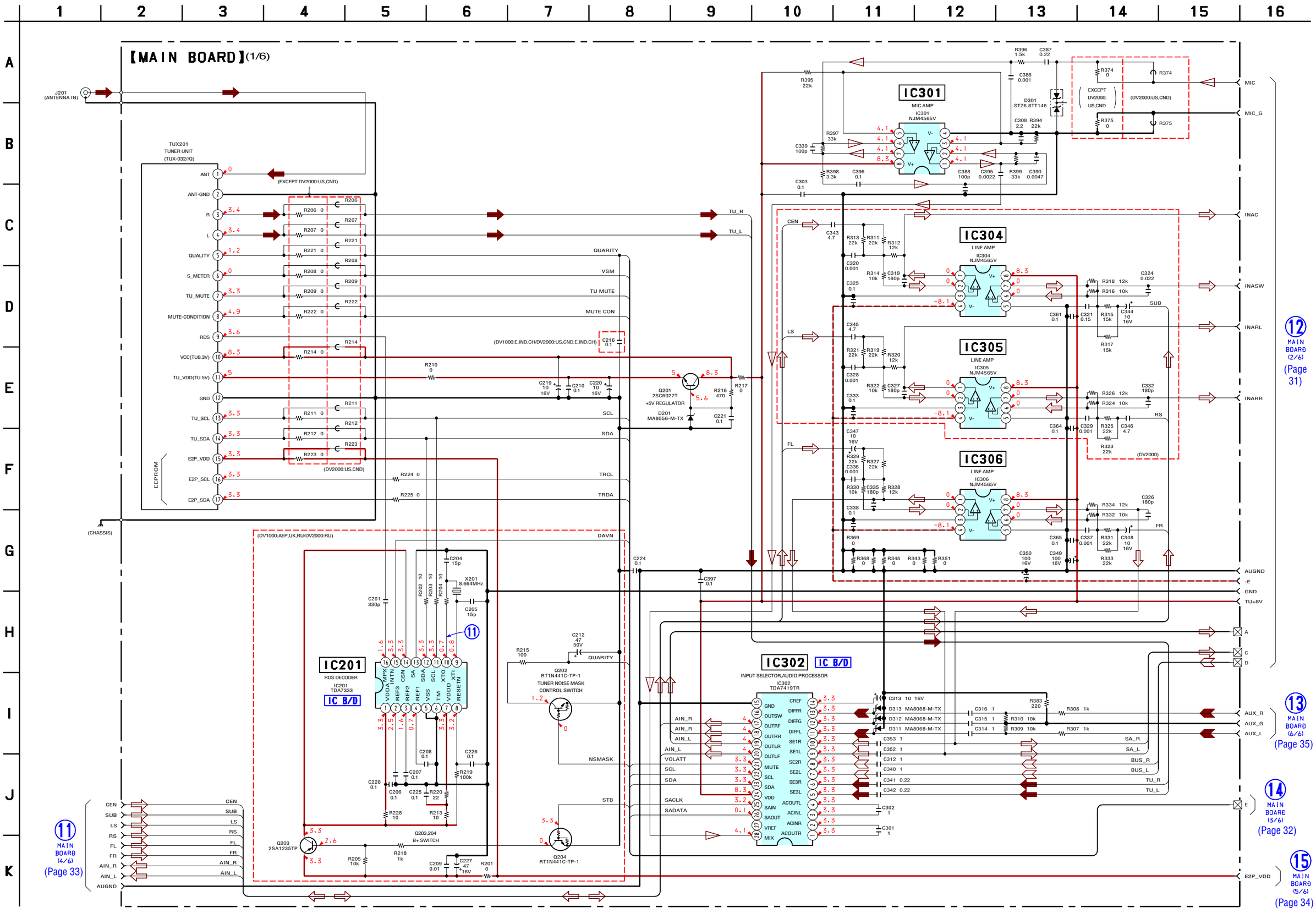


- **Semiconductor Location**

Ref. No.	Location
D309	G-8
D402	I-5
D406	I-4
D410	I-3
D411	H-3
D412	H-10
D414	I-4
D415	I-4
D416	I-4
D417	H-4
D418	H-4
D419	I-4
D420	H-3
D421	I-4
D802	C-8
D806	C-7
D808	C-8
D809	B-6
D810	C-7
D815	D-10
D816	C-9
D817	C-9
IC701	D-9
IC702	D-9
IC802	B-7
IC803	H-9
IC804	D-10
Q405	I-6

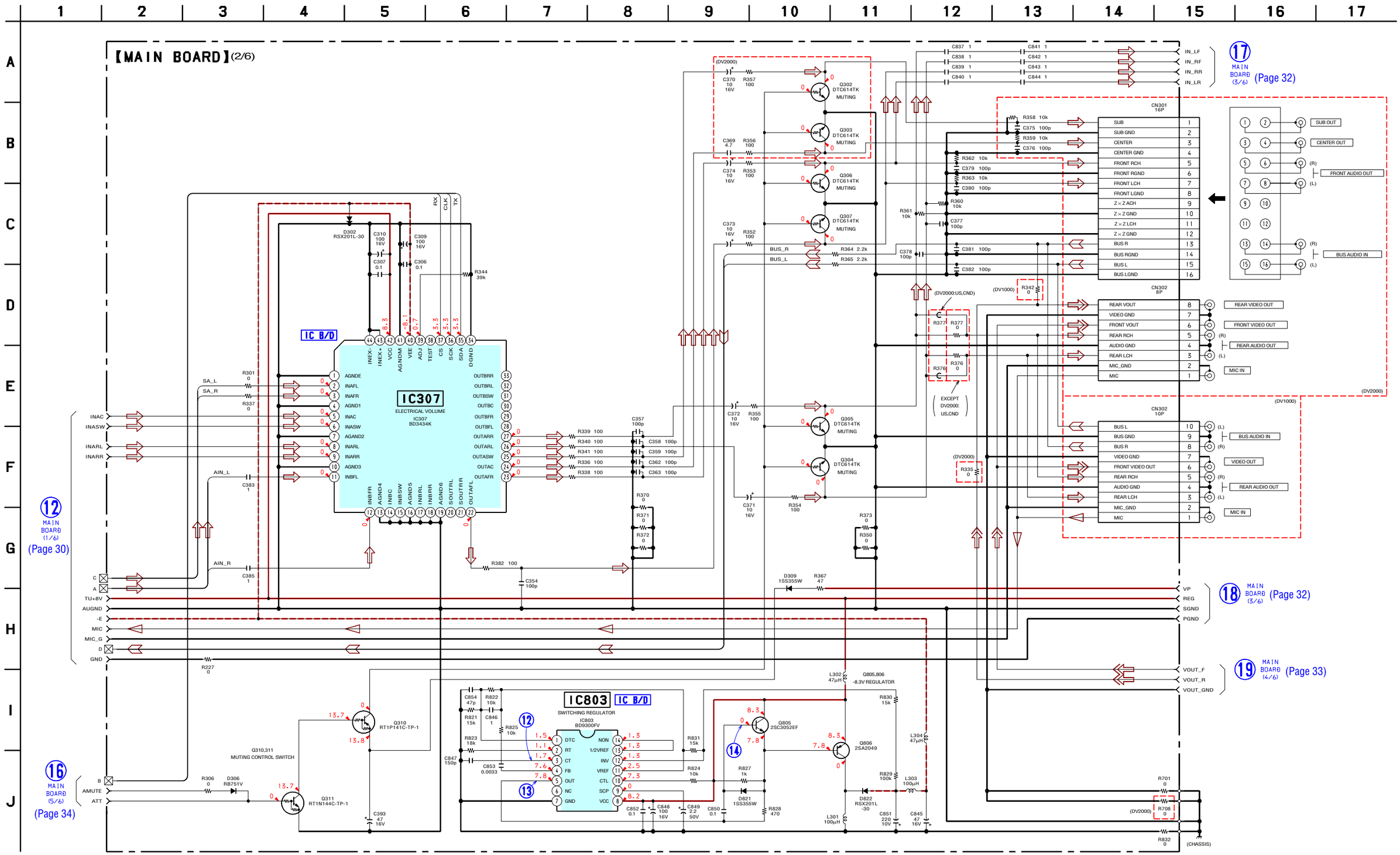
5-12. SCHEMATIC DIAGRAM – MAIN Section (1/6) –

• See page 37 for Waveforms. • See page 40 for IC Block Diagrams.

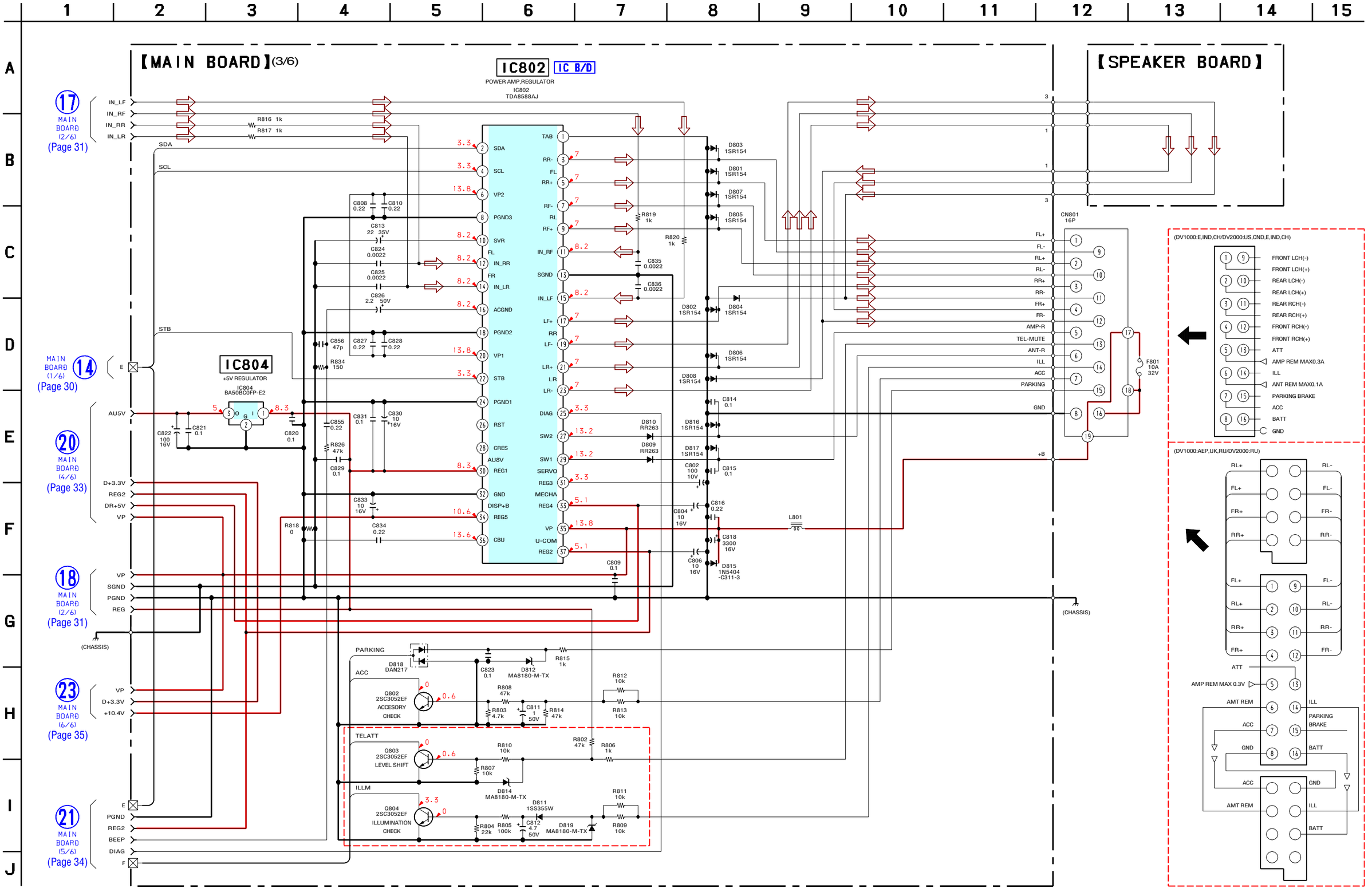


5-13. SCHEMATIC DIAGRAM – MAIN Section (2/6) –

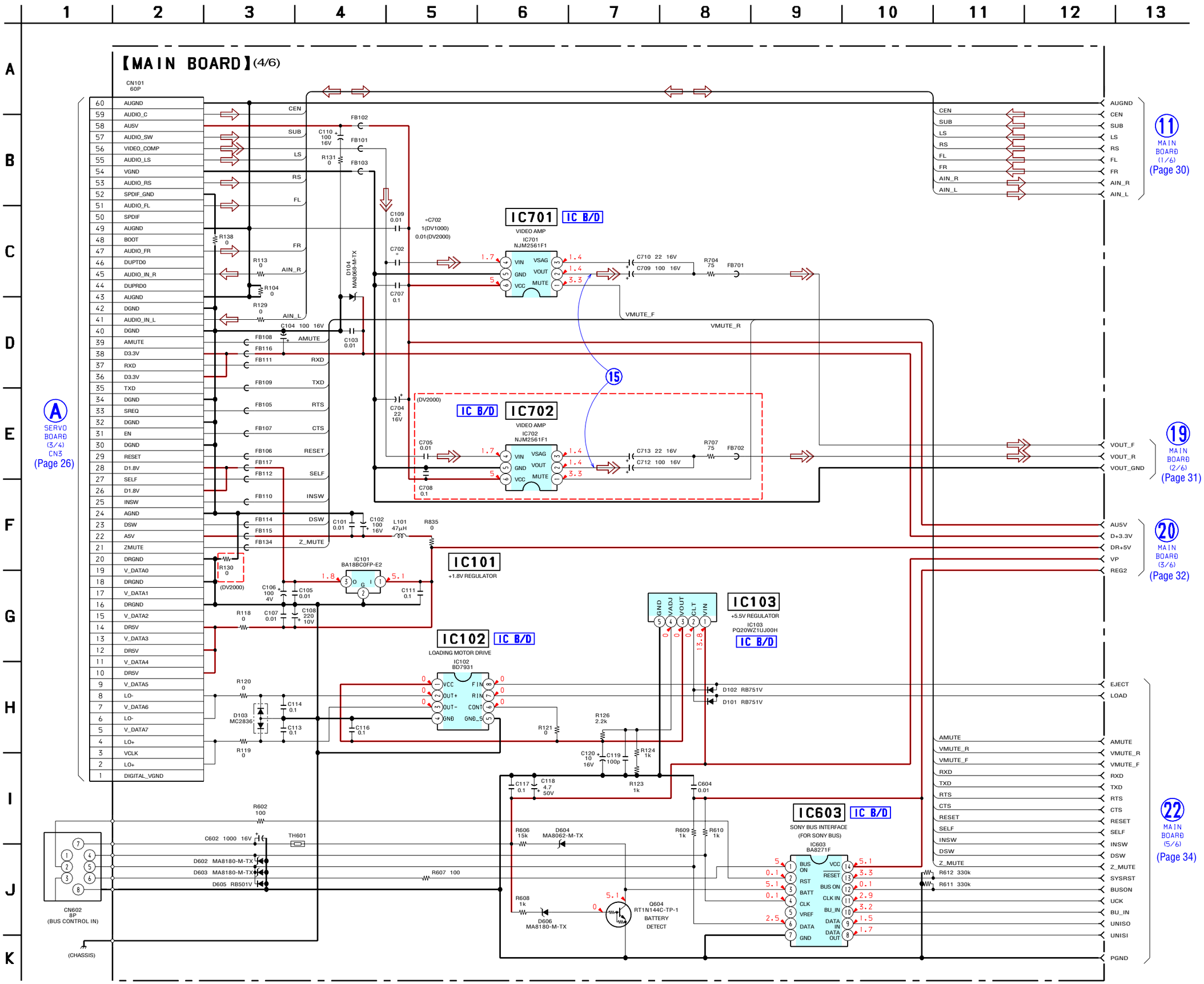
• See page 37 for Waveforms. • See page 40 for IC Block Diagrams.



5-14. SCHEMATIC DIAGRAM – MAIN Section (3/6) – • See page 40 for IC Block Diagrams.

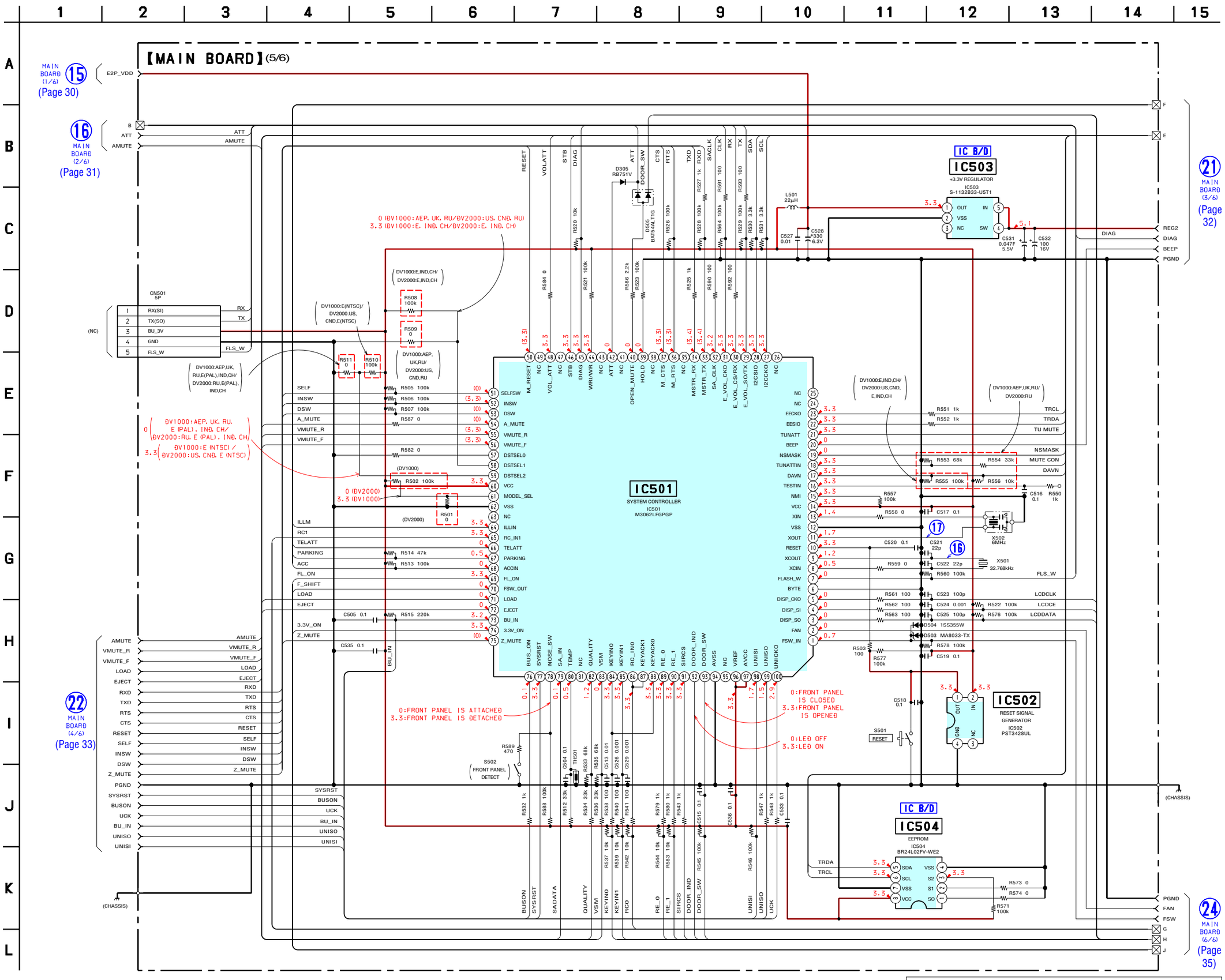


5-15. SCHEMATIC DIAGRAM – MAIN Section (4/6) – • See page 37 for Waveforms. • See page 40 for IC Block Diagrams.



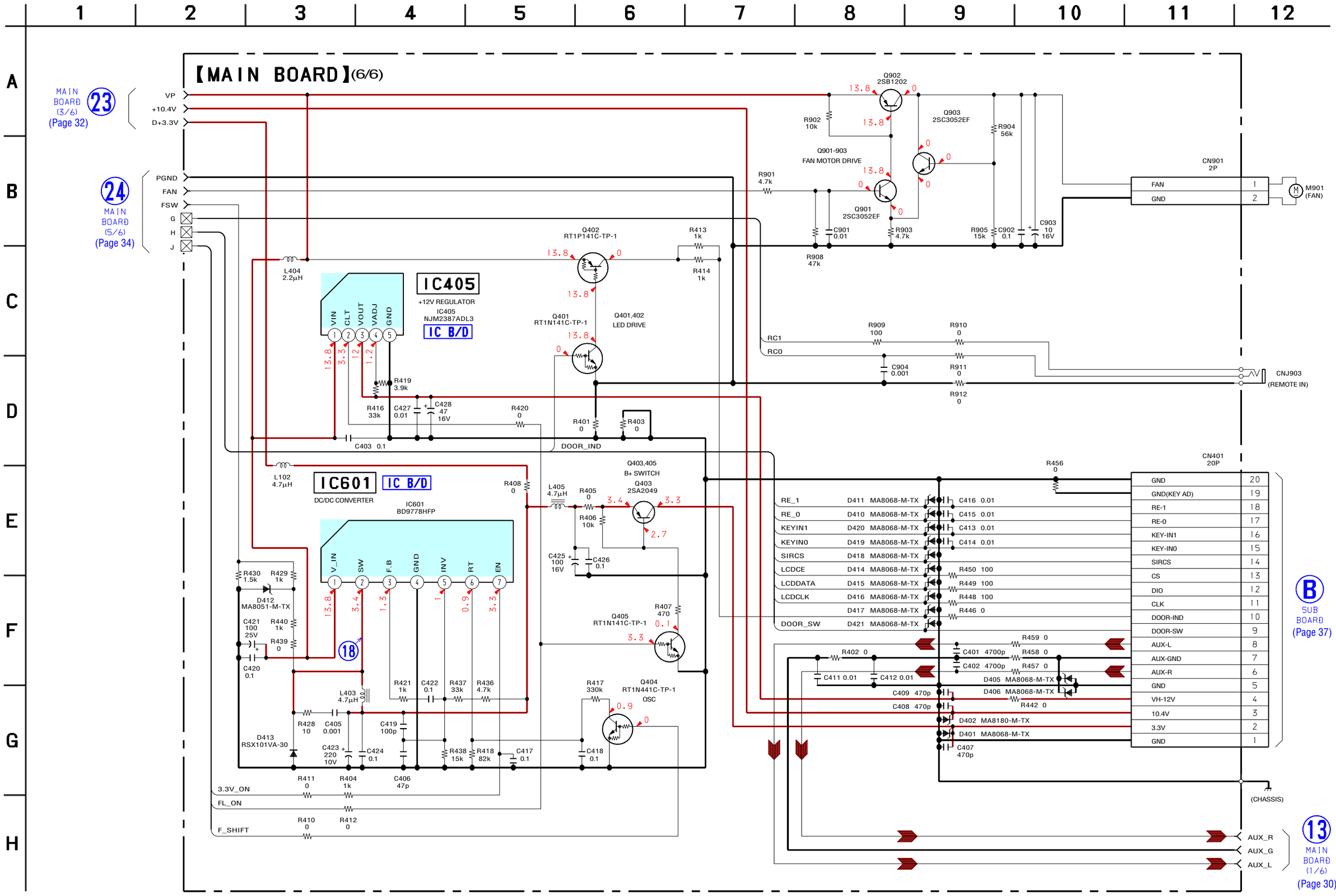
5-16. SCHEMATIC DIAGRAM – MAIN Section (5/6) –

• See page 37 for Waveforms. • See page 40 for IC Block Diagrams. • See page 46 for IC Pin Function Description.



Note: IC501 cannot exchange with single. When IC501 is damaged, exchange the entire mounted board.

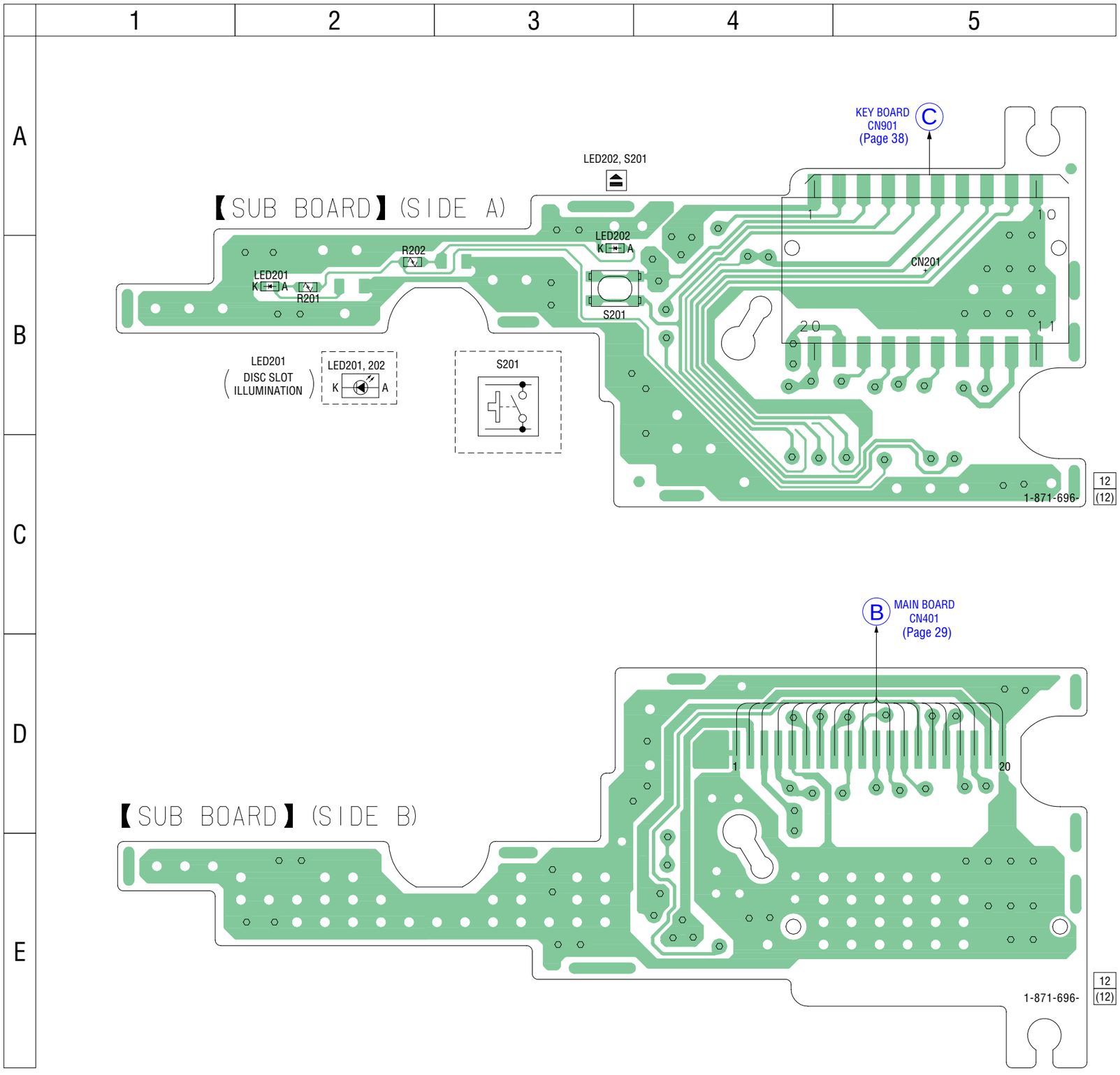
5-17. SCHEMATIC DIAGRAM – MAIN Section (6/6) – • See page 37 for Waveforms. • See page 40 for IC Block Diagrams.



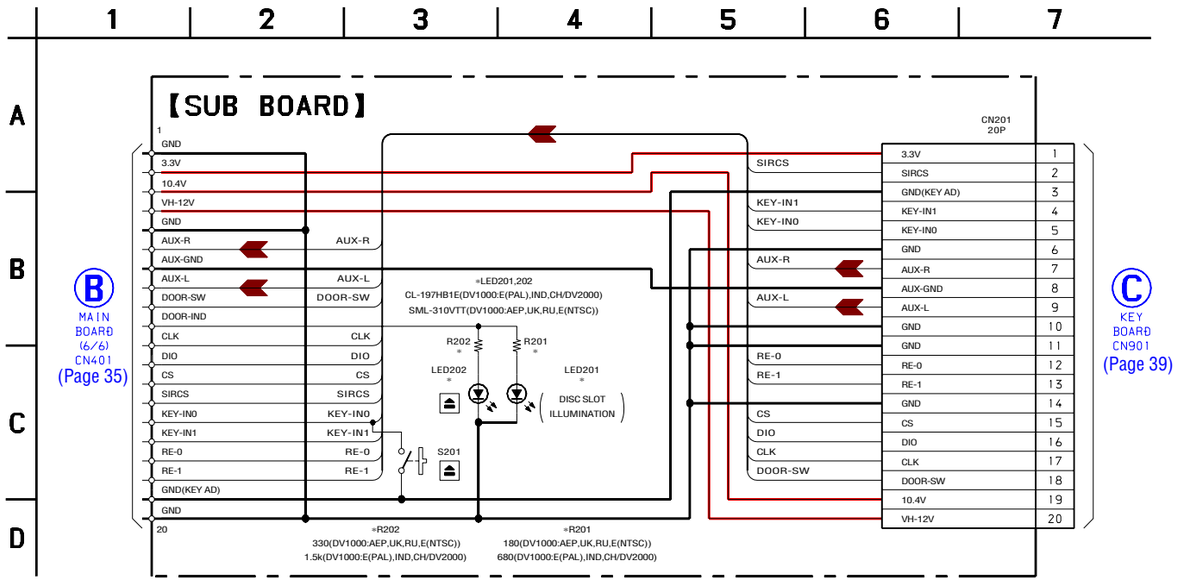
5-18. PRINTED WIRING BOARD – SUB Board –

• See page 21 for Circuit Boards Location.

: Uses unleaded solder.



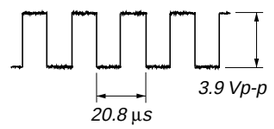
5-19. SCHEMATIC DIAGRAM – SUB Board –



• **Waveforms**

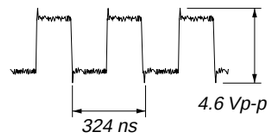
– SERVO Board –

① IC4 ⑬① (ALRCLK)



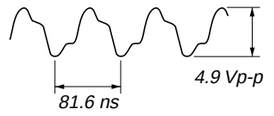
2 V/DIV, 10 µs/DIV

② IC4 ⑬② (ABCLK)



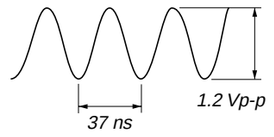
2 V/DIV, 100 ns/DIV

③ IC4 ⑬④ (AMCLK)



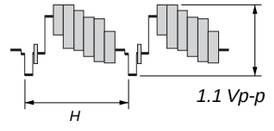
2 V/DIV, 20 ns/DIV

④ IC4 ⑲⑨ (XO)



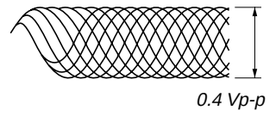
500 mV/DIV, 10 ns/DIV

⑤ IC4 ⑱① (DAC6 (CVBS)) (Color bar)



500 mV/DIV, 20 µs/DIV

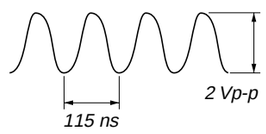
⑥ IC4 ⑲③ (RFP), ⑲④ (RFN) (DVD play mode)



200 mV/DIV, 200 ns/DIV

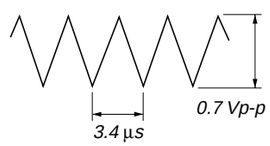
– MAIN Board –

⑪ IC201 ⑩ (XTO)



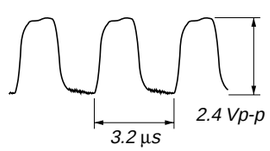
1 V/DIV, 50 ns/DIV

⑫ IC803 ③ (CT)



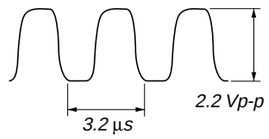
500 mV/DIV, 2 µs/DIV

⑬ IC803 ⑤ (OUT)



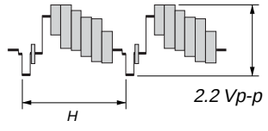
1 V/DIV, 1 µs/DIV

⑭ Q805 (Base)



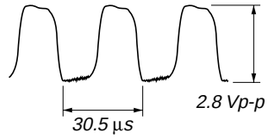
1 V/DIV, 1 µs/DIV

⑮ IC701, 702 ② (VOUT) (Color bar)



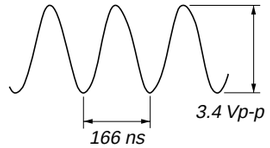
1 mV/DIV, 20 µs/DIV

⑯ IC501 ⑨ (XCOUT)



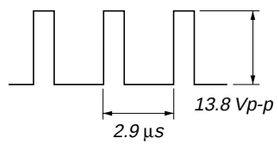
1 V/DIV, 10 µs/DIV

⑰ IC501 ⑪ (XOUT)



2 V/DIV, 50 ns/DIV

⑱ IC601 ② (SW)



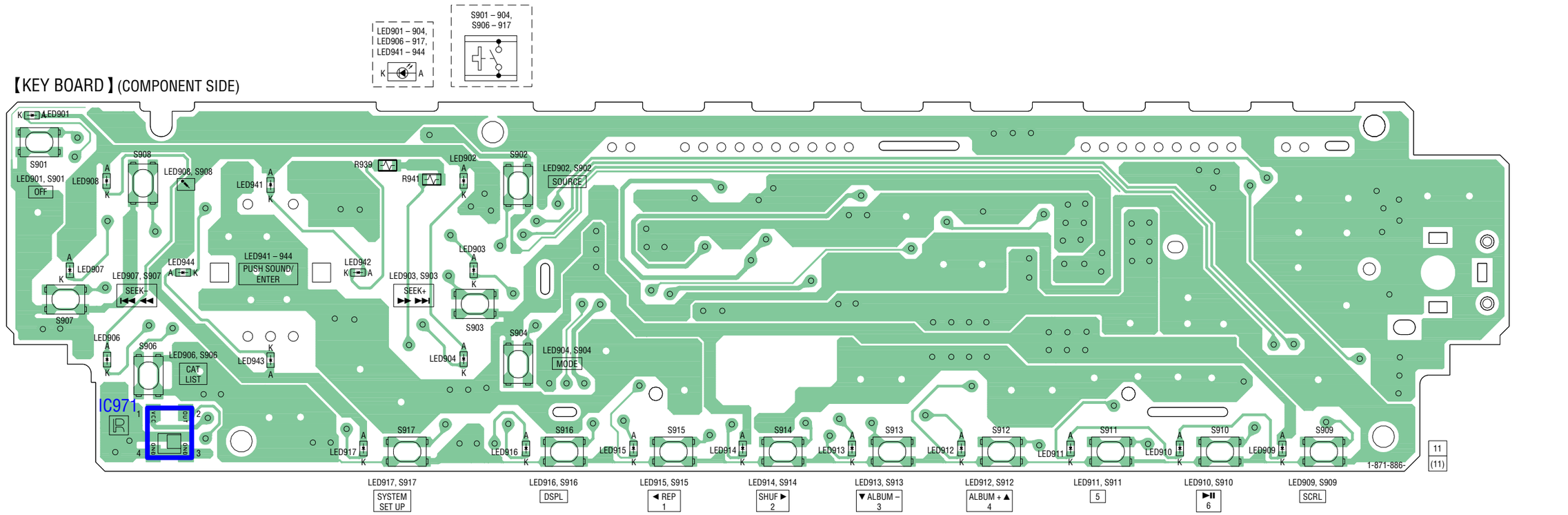
5 V/DIV, 1 µs/DIV

5-20. PRINTED WIRING BOARD – KEY Board –

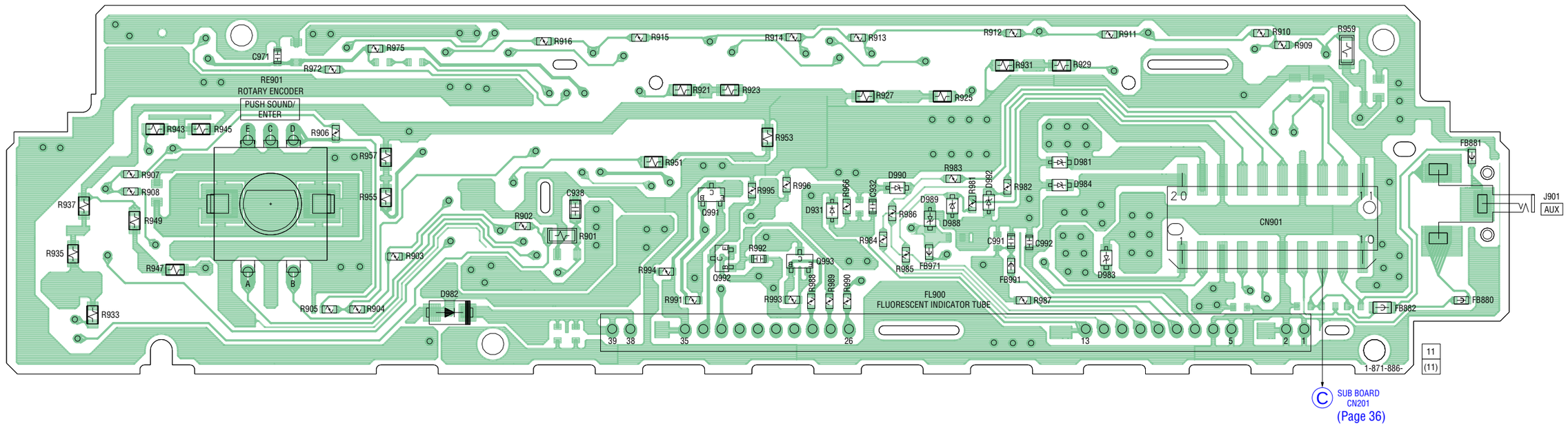
• See page 21 for Circuit Boards Location.

: Uses unleaded solder.

【KEY BOARD】(COMPONENT SIDE)


LED901 – 904, LED906 – 917, LED941 – 944
S901 – 904, S906 – 917
LED917, S917 SYSTEM SET UP
LED916, S916 DSPL
LED915, S915 ◄ REP 1
LED914, S914 SHUF ► 2
LED913, S913 ▼ ALBUM – 3
LED912, S912 ALBUM + ▲ 4
LED911, S911 5
LED910, S910 ►II 6
LED909, S909 SCRL
LED902, S902 SOURCE
LED903, S903 SEEK+
LED904, S904 MODE
LED907, S907 SEEK–
LED908, S908
LED901, S901 OFF
LED906, S906 CAT LIST
LED941 – 944 PUSH SOUND/ ENTER
IC971
1-871-886-

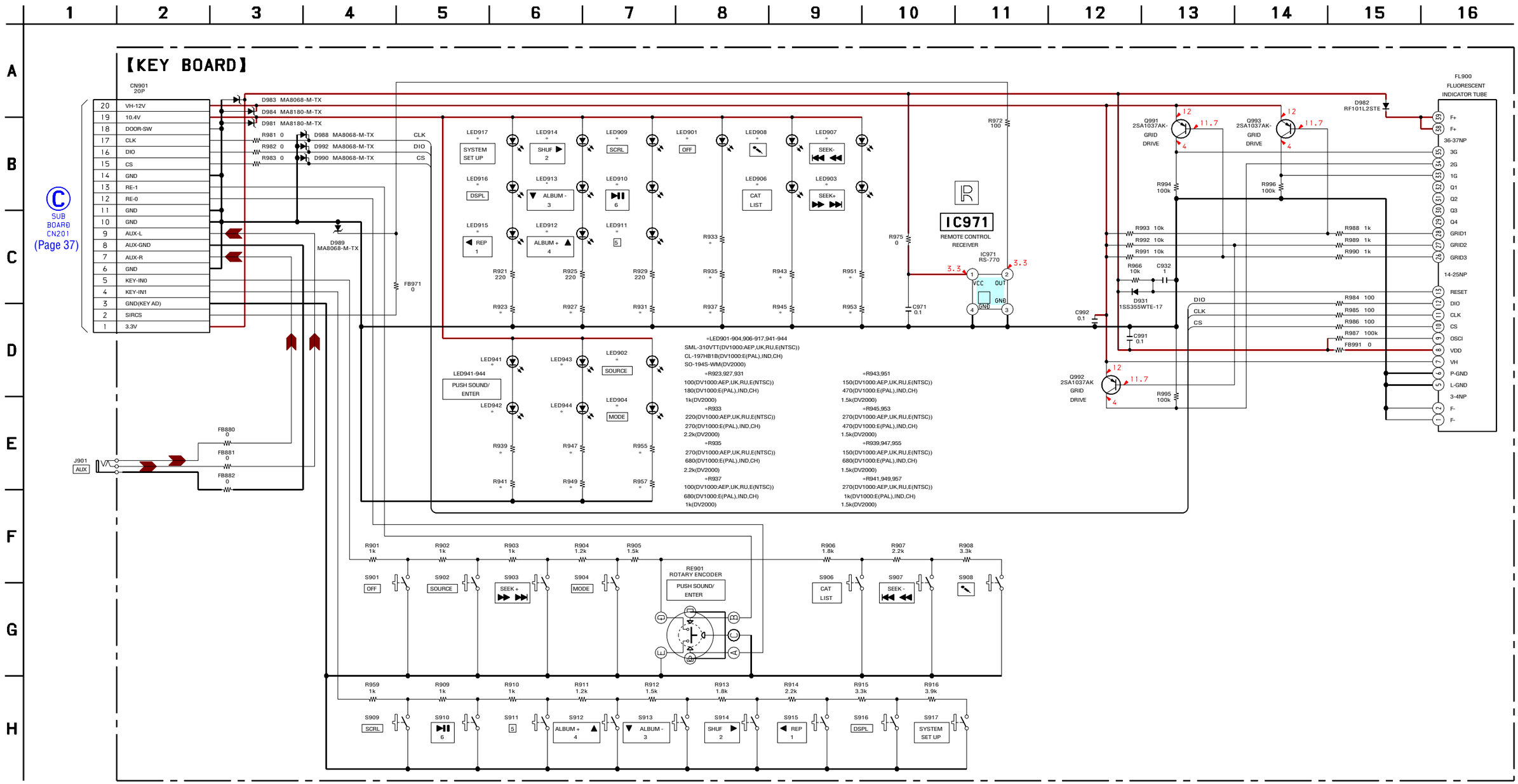
【KEY BOARD】(CONDUCTOR SIDE)



• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D931	F-6	D989	F-7	LED901	B-1	LED908	B-1	LED914	D-6	LED943	C-3
D981	F-8	D990	F-7	LED902	B-4	LED909	D-9	LED915	D-5	LED944	C-2
D982	G-4	D992	F-7	LED903	C-4	LED910	D-9	LED916	D-4		
D983	F-8			LED904	C-4	LED911	D-8	LED917	D-3	Q991	F-5
D984	F-8	IC971	D-2	LED906	C-1	LED912	D-7	LED941	B-3	Q992	F-5
D988	F-7			LED907	C-1	LED913	D-6	LED942	C-3	Q993	F-6

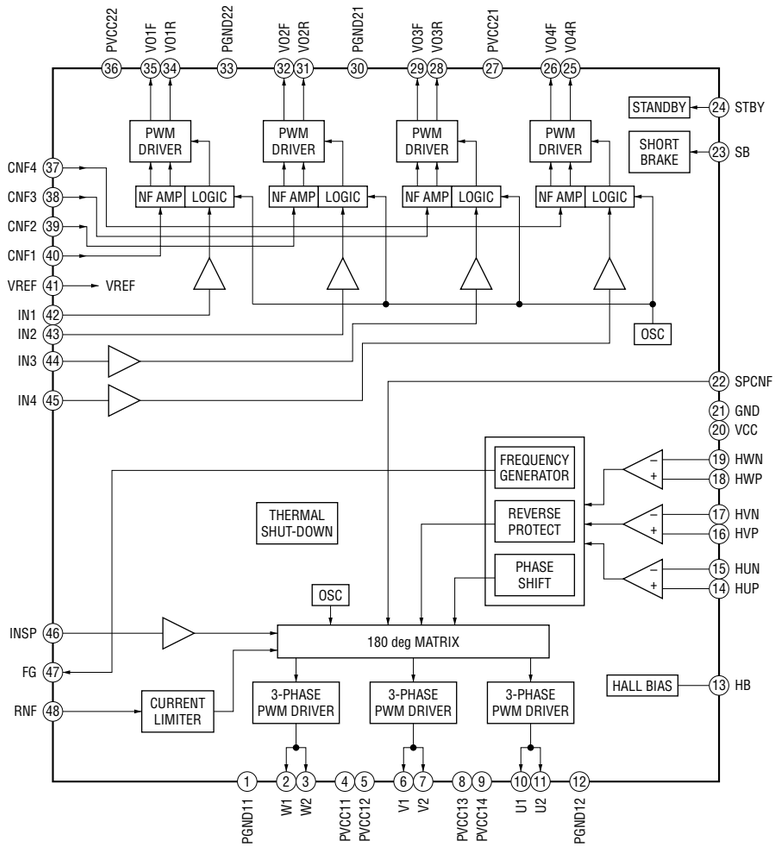
5-21. SCHEMATIC DIAGRAM – KEY Board –



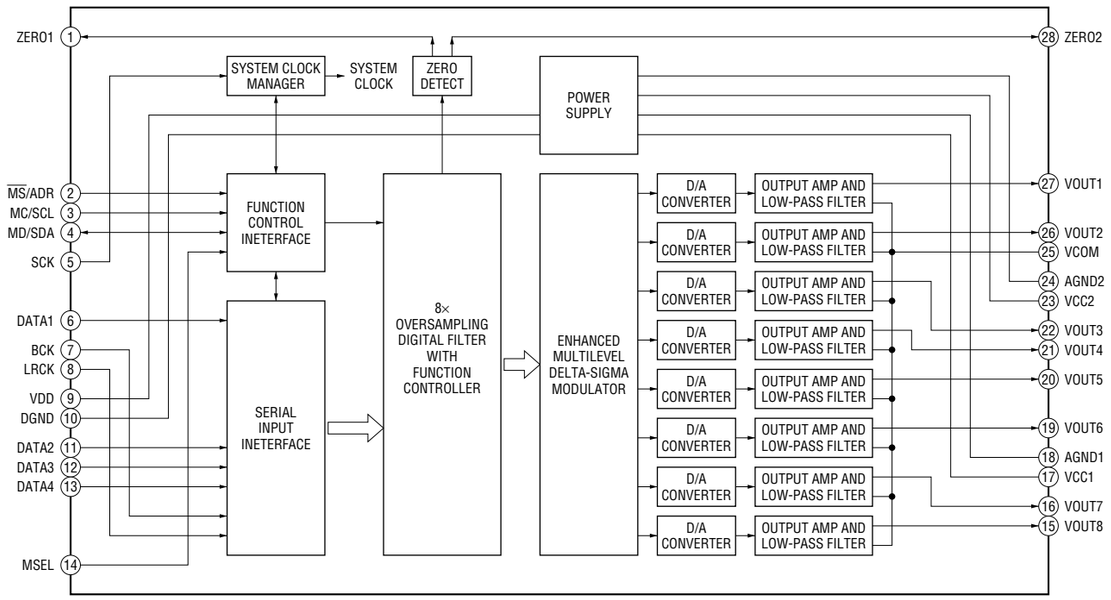
- **IC Block Diagrams**

– SERVO Board –

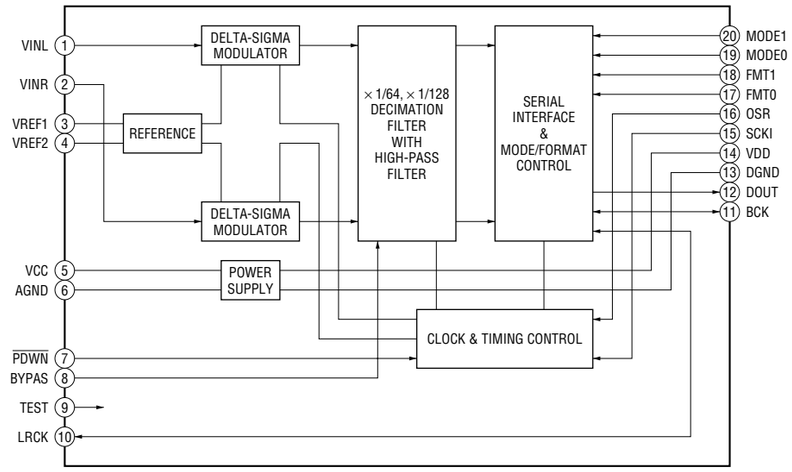
IC1 BH6599KV-E2



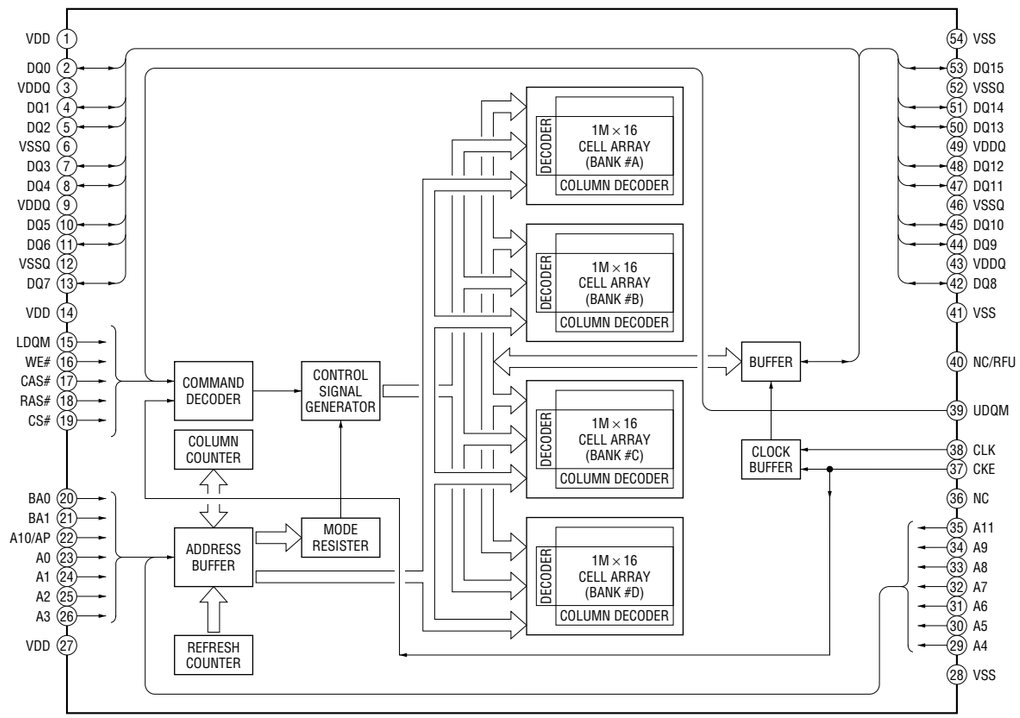
IC6 PCM1680DBQ



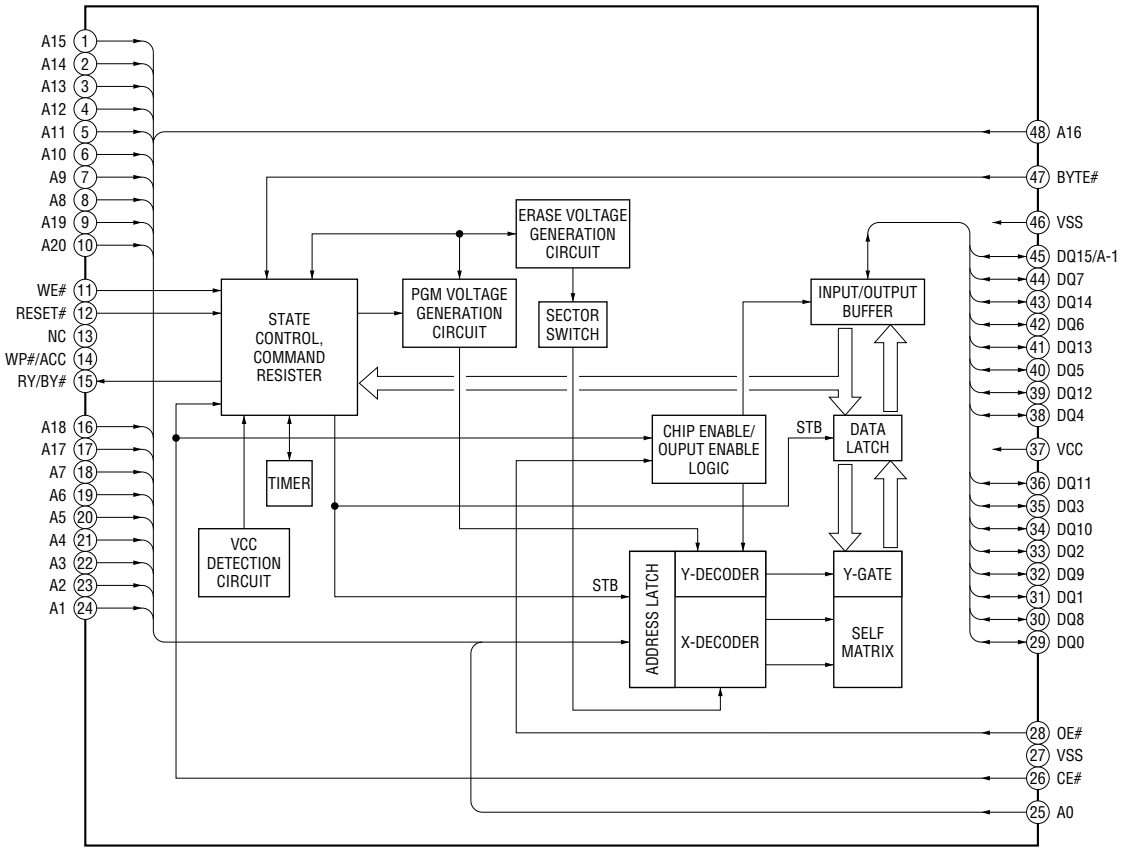
IC7 PCM1803DBR



IC10 EM638165TS-6IG

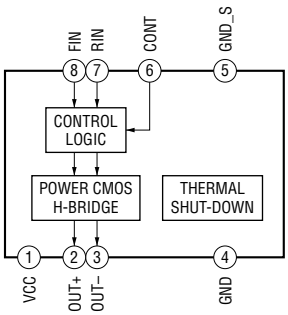


IC11 S29AL032D70TFI030H

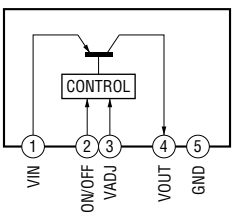


– MAIN Board –

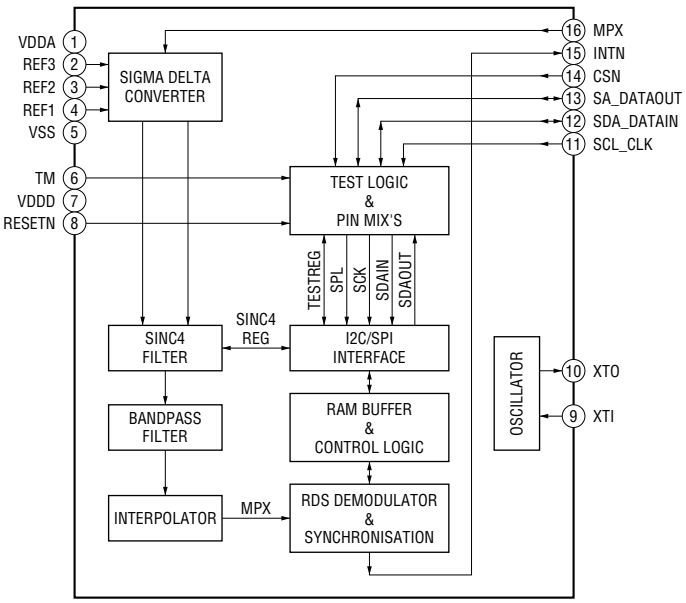
IC102 BD7931F



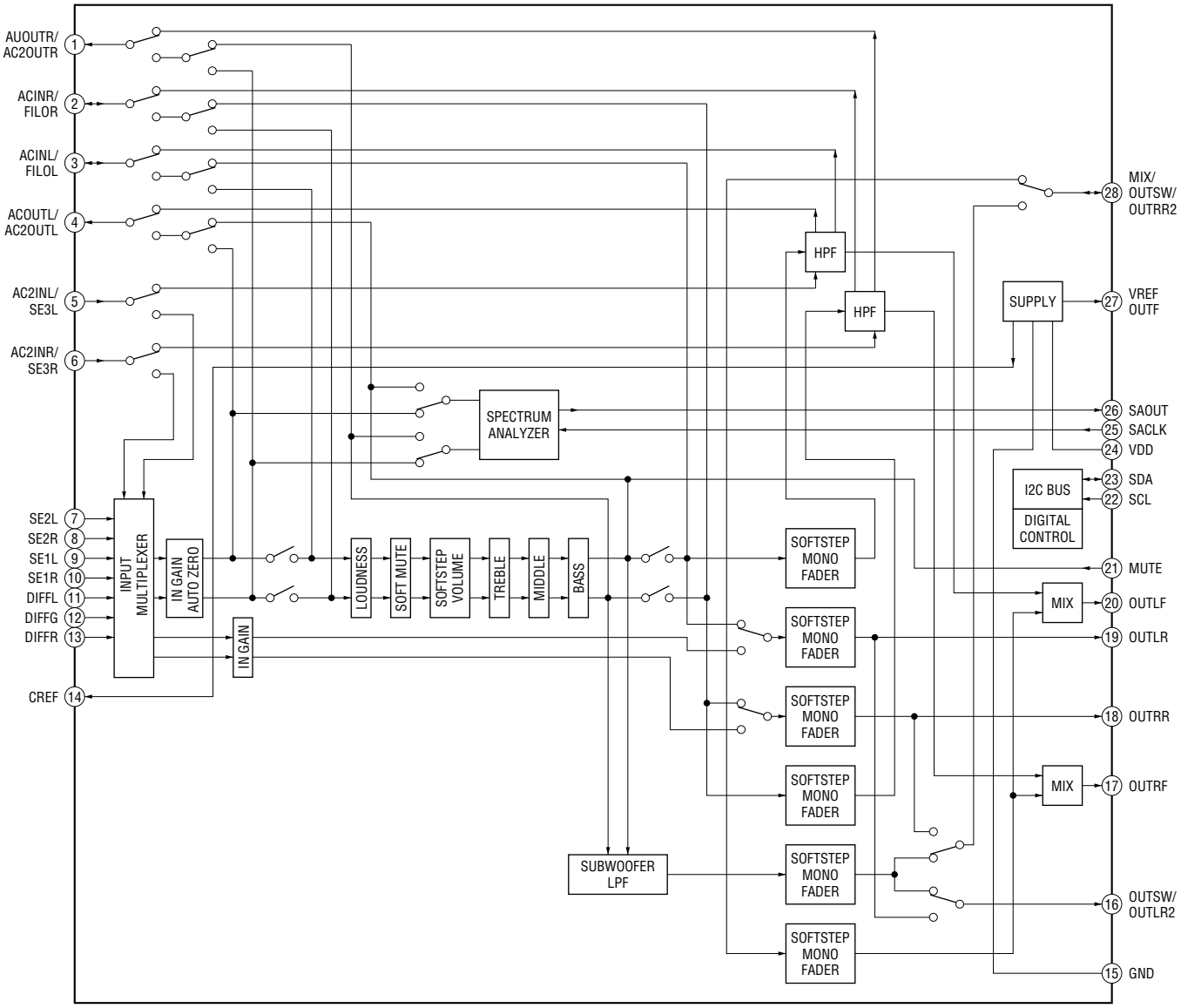
IC103 PQ20WZ1UJ00H



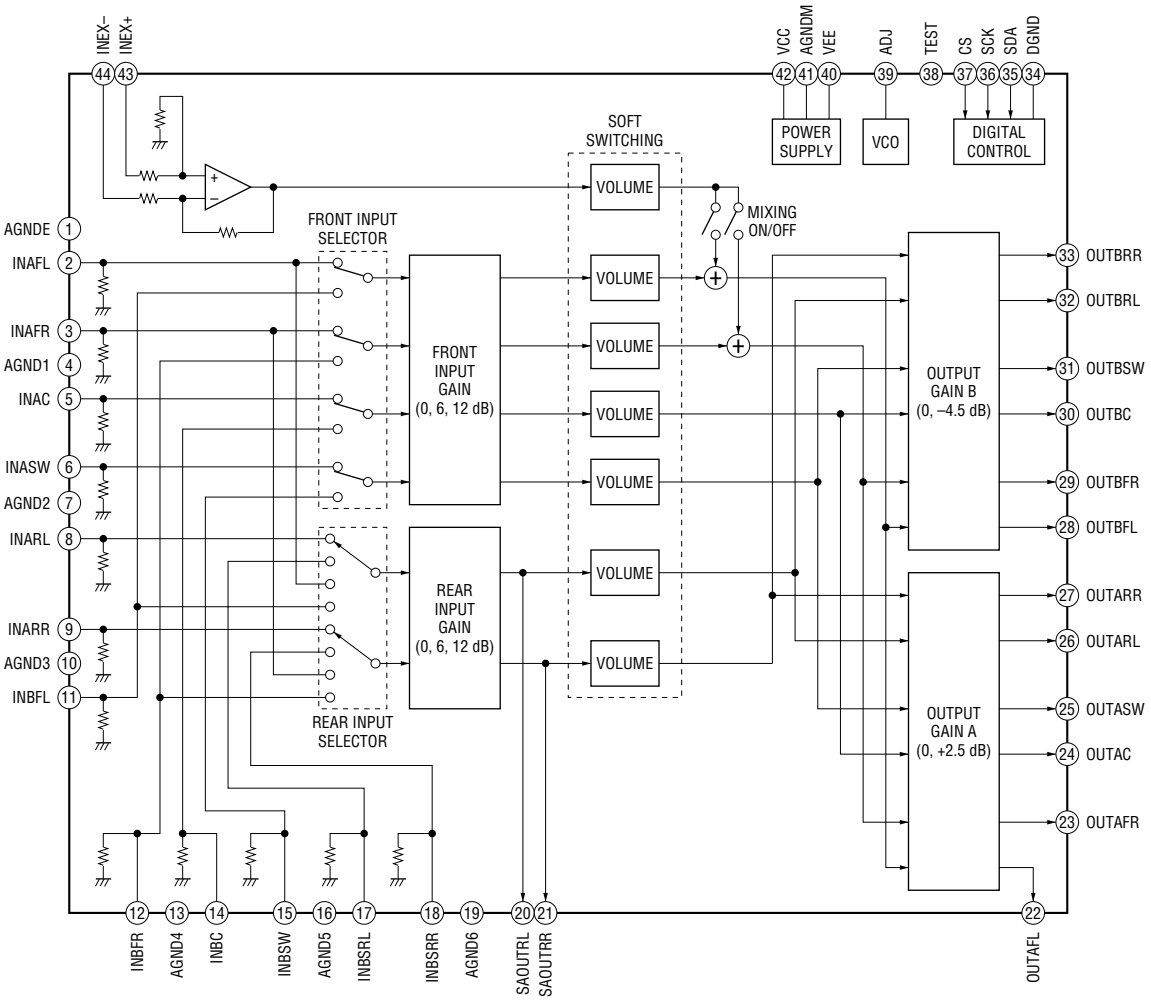
IC201 TDA7333013TR



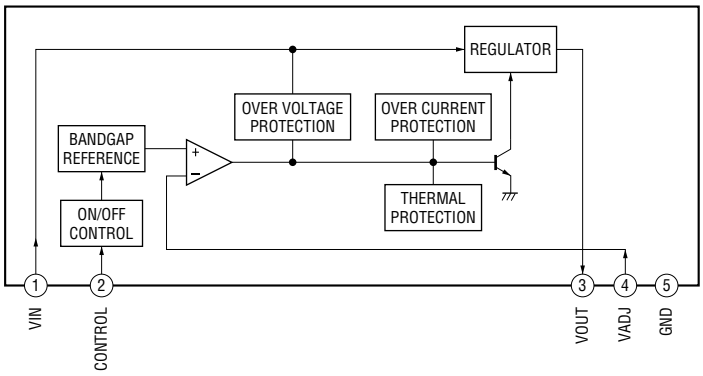
IC302 TDA7419TR



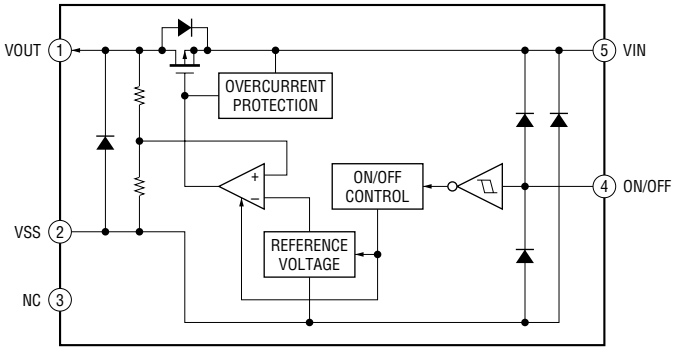
IC307 BD3434K-E2



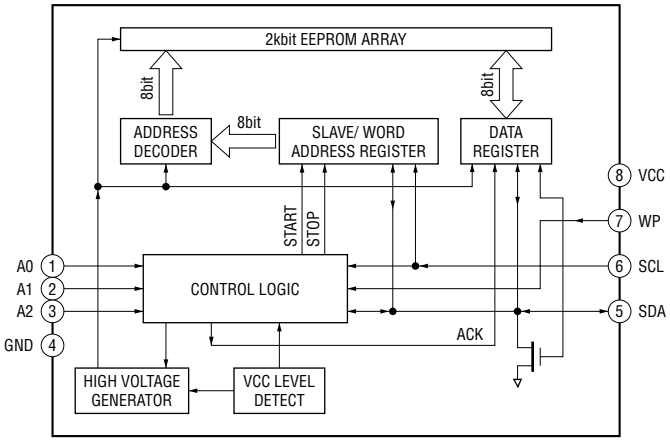
IC405 NJM2387ADL3 (TE2)



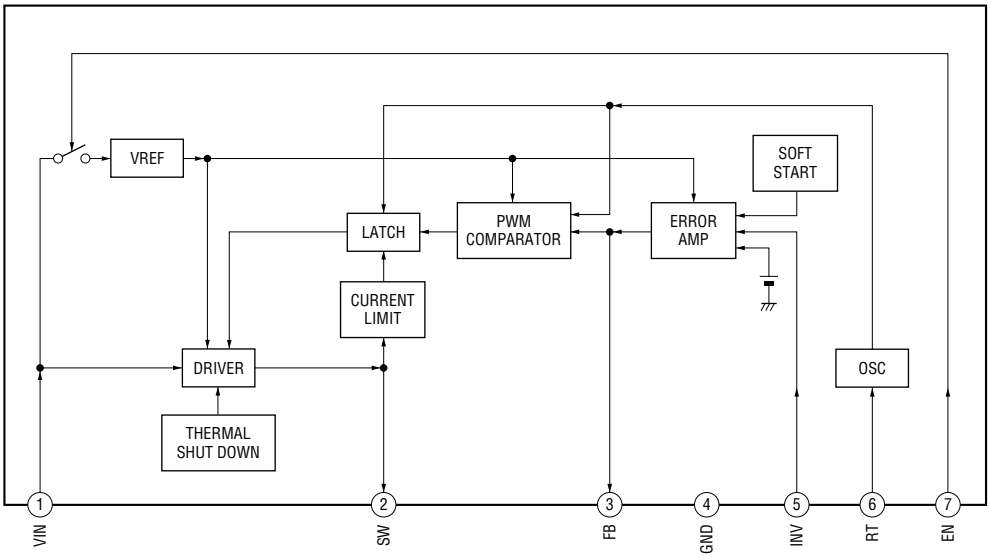
IC503 S-1132B33-U5T1G



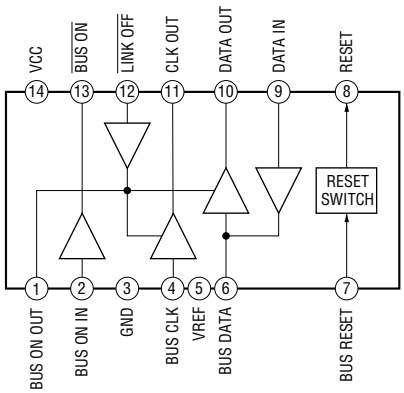
IC504 BR24L02FV-WE2



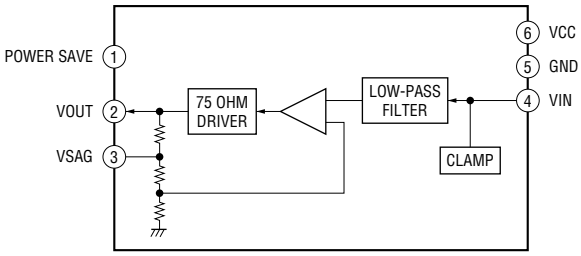
IC601 BD9778HFP



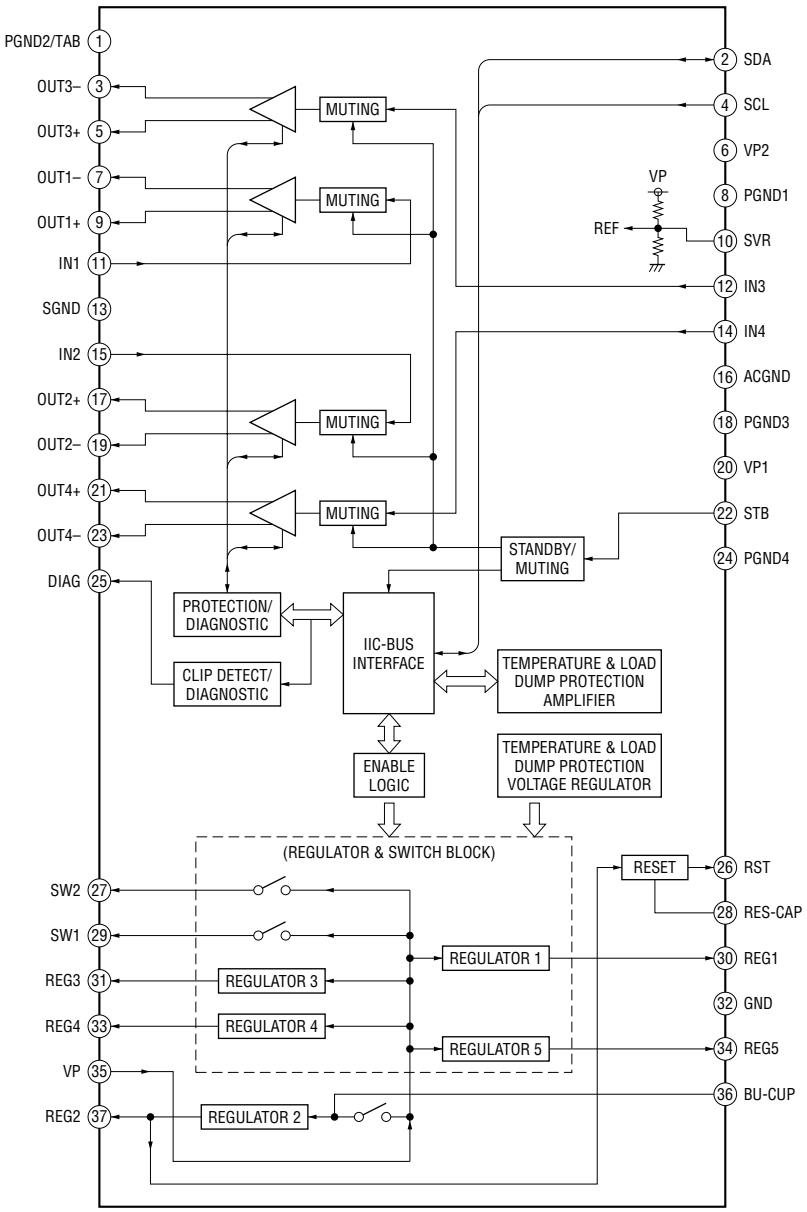
IC603 BA8271F-E2



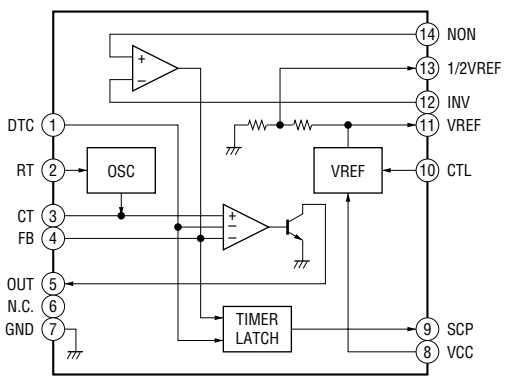
IC701, 702 NJM2561F1-TE2



IC802 TDA8588AJ/N2/R1



IC803 BD9300FV-FE2



- **IC Pin Function Description**

SERVO BOARD IC4 ZR36886HLCG-SA (DVD PROCESSOR)

Pin No.	Pin Name	I/O	Description
1 to 7	NOT USED	O	Not used
8	SSCCLK	I	Serial data transfer clock signal input terminal Not used
9	SSCTXD	O	Serial data output terminal Not used
10	SSCRXD	I	Serial data input terminal Not used
11	MEMCS1#	O	Chip enable signal output to the flash memory
12	VDDP	-	Power supply terminal (+3.3V)
13 to 17	MEMADD15, MEMADD16, MEMADD14 to MEMADD12	O	Address signal output to the flash memory
18	MEMDAT15	I/O	Two-way data bus with the flash memory
19	MEMADD11	O	Address signal output to the flash memory
20	MEMDAT7	I/O	Two-way data bus with the flash memory
21	GNDP	-	Ground terminal
22	MEMADD10	O	Address signal output to the flash memory
23	MEMDAT14	I/O	Two-way data bus with the flash memory
24	MEMADD9	O	Address signal output to the flash memory
25	MEMDAT6	I/O	Two-way data bus with the flash memory
26	MEMADD8	O	Address signal output to the flash memory
27, 28	MEMDAT13, MEMDAT5	I/O	Two-way data bus with the flash memory
29	MEMADD20	O	Address signal output to the flash memory
30	VDDP	-	Power supply terminal (+3.3V)
31	MEMDAT12	I/O	Two-way data bus with the flash memory
32	MEMWR#	O	Write enable signal output to the flash memory
33	MEMDAT4	I/O	Two-way data bus with the flash memory
34	VDDC	-	Power supply terminal (+1.8V)
35, 36	MEMDAT11, MEMDAT3	I/O	Two-way data bus with the flash memory
37	MEMADD19	O	Address signal output to the flash memory
38	GNDC	-	Ground terminal
39	MEMDAT10	I/O	Two-way data bus with the flash memory
40	MEMADD18	O	Address signal output to the flash memory
41	GNDP	-	Ground terminal
42	MEMDAT2	I/O	Two-way data bus with the flash memory
43	MEMADD17	O	Address signal output to the flash memory
44	MEMDAT9	I/O	Two-way data bus with the flash memory
45	MEMADD7	O	Address signal output to the flash memory
46	MEMDAT1	I/O	Two-way data bus with the flash memory
47	MEMADD6	O	Address signal output to the flash memory
48	MEMDAT8	I/O	Two-way data bus with the flash memory
49	MEMADD5	O	Address signal output to the flash memory
50	VDDP	-	Power supply terminal (+3.3V)
51	MEMDAT0	I/O	Two-way data bus with the flash memory
52	MEMADD4	O	Address signal output to the flash memory
53	MEMRD#	O	Output enable signal output to the flash memory

Pin No.	Pin Name	I/O	Description
54, 55	MEMADD3, MEMADD2	O	Address signal output to the flash memory
56	MEMCS0#	O	Chip enable signal output to the flash memory
57, 58	MEMADD1, MEMADD0	O	Address signal output to the flash memory
59	GNDP	-	Ground terminal
60, 61	VDD, VDDP	-	Power supply terminal (+3.3V)
62, 63	NOT USED	O	Not used
64	RAMCKE	O	Clock enable signal output to the SD-RAM
65	VDD	-	Power supply terminal (+3.3V)
66, 67	NOT USED	O	Not used
68	GND	-	Ground terminal
69 to 73	RAMADD4, RAMADD3, RAMADD5, RAMADD2, RAMADD6	O	Address signal output to the SD-RAM
74	VDDP	-	Power supply terminal (+3.3V)
75 to 77	RAMADD1, RAMADD7, RAMADD0	O	Address signal output to the SD-RAM
78	GNDP	-	Ground terminal
79	RAMADD8	O	Address signal output to the SD-RAM
80	VDDC	-	Power supply terminal (+1.8V)
81	RAMADD10	O	Address signal output to the SD-RAM
82	GNDC	-	Ground terminal
83	RAMADD9	O	Address signal output to the SD-RAM
84	VDDP	-	Power supply terminal (+3.3V)
85	RAMADD11	O	Address signal output to the SD-RAM
86, 87	RAMCS0, RAMBA0	O	Bank address signal output to the SD-RAM
88	GNDP	-	Ground terminal
89	RAMCS1	O	Chip select signal output to the SD-RAM
90	RAMRAS#	O	Row address signal output to the SD-RAM
91	RAMCAS#	O	Column address signal output to the SD-RAM
92	VDDP	-	Power supply terminal (+3.3V)
93	RAMWE#	O	Write enable signal output to the SD-RAM
94	RAMDQM	O	Write mask signal output to the SD-RAM
95	GNDPCLK	-	Ground terminal
96	PCLK	O	Clock signal output to the SD-RAM
97	VDDPCLK	-	Power supply terminal (+3.3V)
98	RAMDAT8	I/O	Two-way data bus with the SD-RAM
99	GNDP	-	Ground terminal
100 to 102	RAMDAT7, RAMDAT9, RAMDAT6	I/O	Two-way data bus with the SD-RAM
103	VDDP	-	Power supply terminal (+3.3V)

Pin No.	Pin Name	I/O	Description
104 to 106	RAMDAT10, RAMDAT5, RAMDAT11	I/O	Two-way data bus with the SD-RAM
107	GNDP	-	Ground terminal
108	RAMDAT4	I/O	Two-way data bus with the SD-RAM
109	VDDC	-	Power supply terminal (+1.8V)
110	RAMDAT12	I/O	Two-way data bus with the SD-RAM
111	GNDC	-	Ground terminal
112	RAMDAT3	I/O	Two-way data bus with the SD-RAM
113	VDDP	-	Power supply terminal (+3.3V)
114 to 116	RAMDAT13, RAMDAT2, RAMDAT14	I/O	Two-way data bus with the SD-RAM
117	GNDP	-	Ground terminal
118 to 120	RAMDAT1, RAMDAT15, RAMDAT0	I/O	Two-way data bus with the SD-RAM
121	VDDP	-	Power supply terminal (+3.3V)
122	NOT USED	O	Not used
123	GNDP	-	Ground terminal
124	ICGPCIO0	O	Serial data transfer clock signal output to the D/A converter
125	IDGPCIO0	O	Serial data output to the D/A converter
126	NOT USED	O	Not used
127 to 129	AOUT2 to AOUT0	O	Audio data output to the D/A converter
130	AIN2	O	Chip select signal output to the D/A converter
131	ALRCLK	O	L/R sampling clock signal output to the D/A converter and A/D converter
132	ABCLK	O	Bit clock signal output to the D/A converter and A/D converter
133	GNDPA2	-	Ground terminal
134	AMCLK	O	Master clock signal output to the D/A converter and A/D converter
135	VDDPA2	-	Power supply terminal (+3.3V)
136	AIN1	I	Audio data input from the A/D converter
137	HOME	I	Limit switch input terminal
138	AMUTE	O	Analog muting on/off control signal output to the system controller and muting circuit "H": muting on
139	GNDP	-	Ground terminal
140	VCLK	O	Digital video clock signal output terminal Not used
141	VDDP	-	Power supply terminal (+3.3V)
142 to 145	VID7 to VID4	O	Digital video data output terminal Not used
146	GNDC	-	Ground terminal
147	VDDC	-	Power supply terminal (+1.8V)
148 to 151	VID3 to VID0	O	Digital video data output terminal Not used
152, 153	NOT USED	O	Not used
154	VDDP	-	Power supply terminal (+3.3V)
155, 156	GNDP, GNDPLL	-	Ground terminal
157	RESET#	I	Reset signal input from the system controller "L": reset
158	VDDPLL	-	Power supply terminal (+1.8V)
159	XO	O	System clock output terminal (27 MHz)
160	XIN	I	System clock input terminal (27 MHz)

Pin No.	Pin Name	I/O	Description
161	VDDHDPLL	-	Power supply terminal (+1.8V)
162	GNDHDPLL	-	Ground terminal
163 to 178	NOT USED	O	Not used
179, 180	GNDDAC_D	-	Ground terminal
181	DAC6 (CVBS)	O	Composite video signal output to the video amplifier
182	VDD_DAC	-	Power supply terminal (+3.3V)
183, 184	DAC5, DAC4 (DD_A)	O	Video signal output terminal Not used
185	VDD_DAC	-	Power supply terminal (+3.3V)
186, 187	DAC3 (DD_D), DAC2_LU (DD_B)	O	Video signal output terminal Not used
188	VDD_DAC	-	Power supply terminal (+3.3V)
189	DAC1_CH (DD_C)	O	Video signal output terminal Not used
190	RSET	I	Video D/A converter gain adjustment signal input terminal Not used
191, 192	GNDDACP, GNDDACBS2	-	Ground terminal
193, 194	RFP, RFN	I	RF signal input from the optical pick-up block
195	G	I	G signal input terminal Not used
196	A	I	A signal input from the optical pick-up block
197	AVDD1_DVDAFE	-	Power supply terminal (+3.3V)
198	B	I	B signal input from the optical pick-up block
199, 200	SVDD_DVDAFE, AVDD_DVDAFE	-	Power supply terminal (+3.3V)
201	C	I	C signal input from the optical pick-up block
202	H	I	H signal input terminal Not used
203	D	I	D signal input from the optical pick-up block
204	J	I	J signal input terminal Not used
205	AGND_DVDAFE	-	Ground terminal
206	E	I	E signal input from the optical pick-up block
207	K	I	K signal input terminal Not used
208	F	I	F signal input from the optical pick-up block
209	VC	O	Reference voltage (+1.65V) output to the optical pick-up block
210	VBGAP	I	Bandgap reference input terminal
211	RESOUT	O	Internal reference output terminal
212	CD_MD	I	Light amount monitor input from the laser diode of optical pick-up (for CD)
213	DVD_MD	I	Light amount monitor input from the laser diode of optical pick-up (for DVD)
214	CD_LD	O	Laser diode on/of control signal output terminal (for CD) "L": laser diode on
215	DVD_LD	O	Laser diode on/of control signal output terminal (for DVD) "L": laser diode on
216, 217	AGNDREF _DVDAFE, AGND1_DVDAFE	-	Ground terminal
218	VDDC	-	Power supply terminal (+1.8V)
219	NOT USED	O	Not used
220	GNDC	-	Ground terminal
221	OP_GAIN	I	Gain control signal input from the optical pick-up block
222	CD_DVD	O	CD/DVD selection signal output terminal "L": CD, "H", DVD
223	VDDP	-	Power supply terminal (+3.3V)
224	NOT USED	O	Not used

Pin No.	Pin Name	I/O	Description
225	GNDP	-	Ground terminal
226, 227	NOT USED	O	Not used
228	VDDIP	-	Power supply terminal (+3.3V)
229, 230	NOT USED	O	Not used
231	TR_DRV	O	Tracking coil drive signal output terminal
232	NOT USED	O	Not used
233	GNDPWM	-	Ground terminal
234	SP_DRV	O	Spindle motor drive signal output terminal
235	VDDPWM	-	Power supply terminal (+3.3V)
236, 237	STB, STA	O	Sled motor drive signal output terminal
238	FO_DRV	O	Focus coil drive signal output terminal
239	DUPRD0	I	Serial data input terminal Not used
240	DUPTD0	O	Serial data output terminal Not used
241	DUPRD1	I	Serial data input from the system controller
242	DUPTD1	O	Serial data output to the system controller
243	NOT USED	O	Not used
244	DRV_XSTBY	O	Standby signal output to the coil/motor driver and automatic power control circuit "L": standby
245	VDDP	-	Power supply terminal (+3.3V)
246	FG	I	FG signal input from the coil/motor driver
247	REQ	O	Data communication permission signal output to the system controller
248	EN	I	Data communication request signal input from the system controller
249, 250	NOT USED	O	Not used
251	SSCREQ	O	Request signal output terminal Not used
252	SSCEN	I	Enable signal input terminal Not used
253 to 255	NOT USED	O	Not used
256	GNDP	-	Ground terminal

MAIN BOARD IC501 M3062LFGPGP (SYSTEM CONTROLLER)

Pin No.	Pin Name	I/O	Description
1	FSW_IN	I	Oscillation frequency count signal input from the DC/DC converter
2	FAN	O	Fan motor drive signal output terminal "H": fan motor on
3	DISP_SO	O	Serial data output to the fluorescent indicator tube
4	DISP_SI	I	Serial data input from the fluorescent indicator tube
5	DISP_CKO	O	Serial data transfer clock signal output to the fluorescent indicator tube
6	BYTE	I	Connected with the ground (fixed at "L")
7	FLASH_W	I	Input terminal for the flash writing "L": normally operation mode, "H": writing mode
8	XCIN	I	Low-speed system clock input terminal (32.768 kHz)
9	XCOUT	O	Low-speed system clock output terminal (32.768 kHz)
10	RESET	I	System reset signal input from the reset signal generator and RESET switch "L": reset For several hundreds msec. after the power supply rises, "L" is input, then it change to "H"
11	XOUT	O	High-speed system clock output terminal (6 MHz)
12	VSS	-	Ground terminal
13	XIN	I	High-speed system clock input terminal (6 MHz)
14	VCC	-	Power supply terminal (+3.3V)
15	NMI	I	Non-maskable interrupt signal input terminal Not used (fixed at "H")
16	TESTIN	I	Test mode detection signal input terminal
17	DAVN	I	RDS data block synchronizing detection signal input from the RDS decoder (DV1000: AEP, UK and Russian/DV2000: Russian models only)
18	TUNATTIN	I	Attenuation request signal input from the tuner unit
19	NSMASK	O	Tuner noise mask control signal output terminal (DV1000: AEP, UK and Russian/DV2000: Russian models only)
20	BEEP	O	Beep sound output to the power amplifier
21	TUNATT	O	Tuner muting on/off control signal output to the tuner unit "L": muting on
22	EESIO	I/O	EEPROM data bus with the EEPROM and tuner unit
23	EECKO	O	EEPROM clock signal output to the EEPROM and tuner unit
24 to 26	NC	O	Not used
27	I2CCKO	O	I2C clock signal output to the RDS decoder, audio processor, power amplifier and tuner unit
28	I2CSIO	I/O	I2C data bus with the RDS decoder, audio processor, power amplifier and tuner unit
29	E_VOL_SO/TX	O	Serial data output to the electrical volume Transmission data output to the connector for flash writing
30	E_VOL_CS/RX	I/O	Chip select signal output to the electrical volume "L" active Receive data input from the connector for flash writing
31	E_VOL_CKO	O	Serial data transfer clock signal output to the electrical volume
32	SA_CLK	O	Spectrum analyzer data transfer clock signal output to the audio processor
33	MSTR_TX	O	Serial data output to the DVD processor
34	MSTR_RX	I	Serial data input from the DVD processor
35	NC	O	Not used
36	M_RTS	I	Data communication permission signal input from the DVD processor
37	M_CTS	O	Data communication request signal output to the DVD processor
38	NC	O	Not used
39	HOLD	I	External data bus terminal (fixed at "L")
40	OPEN_MUTE	O	Line muting on/off control signal output terminal "H": muting on
41	NC	O	Not used
42	ATT	O	System muting control signal output terminal "H": muting on
43	NC	O	Not used
44	WRI/WR	I	External data bus terminal (fixed at "H")

Pin No.	Pin Name	I/O	Description
45	DIAG	I	Diagnostic signal input from the power amplifier
46	STB	O	Power supply on/off control signal output terminal for RDS section "H": power on (DV1000: AEP, UK and Russian/DV2000: Russian models only) Standby signal output to the power amplifier "L": standby, "H": power amplifier on
47	NC	O	Not used
48	VOL_ATT	O	Volume muting on/off control signal output to the audio processor "L": muting on
49	NC	O	Not used
50	M_RESET	I	Reset signal output to the DVD processor and flash memory "L": reset
51	SELFSW	I	Self loading position detection switch input terminal
52	INSW	I	Disc insert detection switch input terminal
53	DSW	I	Chucking end detection switch input terminal
54	A_MUTE	I	Analog muting on/off control signal input from the DVD processor "H": muting on
55	VMUTE_R	O	Rear video muting on/off control signal output to the video amplifier "L": muting on (DV2000 model only)
56	VMUTE_F	O	Front video muting on/off control signal output to the video amplifier "L": muting on
57 to 59	DSTSEL0 to DSTSEL2	I	Input terminal for the destination setting
60	VCC	-	Power supply terminal (+3.3V)
61	MODEL_SEL	I	Input terminal for the model setting "L": DV2000 model, "H": DV1000 model
62	VSS	-	Ground terminal
63	NC	O	Not used
64	ILLIN	I	Illumination line detection signal input terminal for the automatic dimmer control "L": dimmer on (DV2000 model only)
65	RC_IN1	I	Rotary commander shift key input terminal
66	TELATT	I	Telephone muting detection signal input terminal At input of "H", the audio signal is attenuated by 20 dB (DV2000 model only)
67	PARKING	I	Side brake (parking brake) position detection signal input terminal "L": brake on
68	ACCIN	I	Accessory power detection signal input terminal "L": accessory power on
69	FL_ON	O	Power supply on/off control signal output terminal for fluorescent indicator tube "H": power on
70	FSW_OUT	O	Frequency selection signal output to the DC/DC converter
71	LOAD	O	Loading motor drive signal (loading direction) output terminal
72	EJECT	O	Loading motor drive signal (eject direction) output terminal
73	BU_IN	I	Back up power supply detection signal input from the SONY bus interface "L" is input at low voltage
74	3.3V_ON	O	Power supply on/off control signal output to the DC/DC converter for +3.3V power supply "H": power on
75	Z_MUTE	I	Muting on/off control signal input from the D/A converter "H": muting on
76	BUS_ON	O	SONY bus on/off control signal output to the SONY bus interface "L": bus on
77	SYSRST	O	Reset signal output to the SONY bus interface "L": reset
78	NOSE_SW	I	Front panel detaching/attaching detection signal input terminal "L": front panel is attached
79	SA_IN	I	Spectrum analyzer data input from the audio processor (A/D input)
80	TEMP	I	Temperature detection signal input terminal for fan motor control (A/D input)
81	NC	O	Not used
82	QUALITY	I	Tuner noise detection signal input from the tuner unit (A/D input)
83	VSM	I	FM and AM signal-meter voltage detection signal input from the tuner unit (A/D input)
84, 85	KEYIN0, KEYIN1	I	Front panel key input terminal (A/D input)

Pin No.	Pin Name	I/O	Description
86	RC_IN0	I	Rotary commander key input terminal (A/D input)
87	KEYACK1	I	Acknowledge signal (wake up signal) input terminal for the rotary commander key entry Acknowledge signal is input to accept any function key in the standby status On at input of "H"
88	KEYACK0	I	Acknowledge signal (wake up signal) input terminal for the front panel key entry Acknowledge signal is input to accept any function key in the standby status On at input of "H"
89	RE_0	I	Dial pulse input of the rotary encoder (A phase input)
90	RE_1	I	Dial pulse input of the rotary encoder (B phase input)
91	SIRCS	I	SIRCS signal input from the remote control receiver
92	DOOR_IND	O	LED drive signal output terminal of disc slot illumination indicator "H": LED on
93	DOOR_SW	I	Front panel open/close detection input terminal "H": front panel is opened (disc eject is possible)
94	AVSS	-	Ground terminal
95	NC	O	Not used
96	VREF	I	Reference voltage (+3.3V) input terminal (for A/D converter)
97	AVCC	-	Power supply terminal (+3.3V)
98	UNISI	I	Serial data input from the SONY bus interface
99	UNISO	O	Serial data output to the SONY bus interface
100	UNICKO	O	Serial data transfer clock signal output to the SONY bus interface

SECTION 6
EXPLODED VIEWS

NOTE:

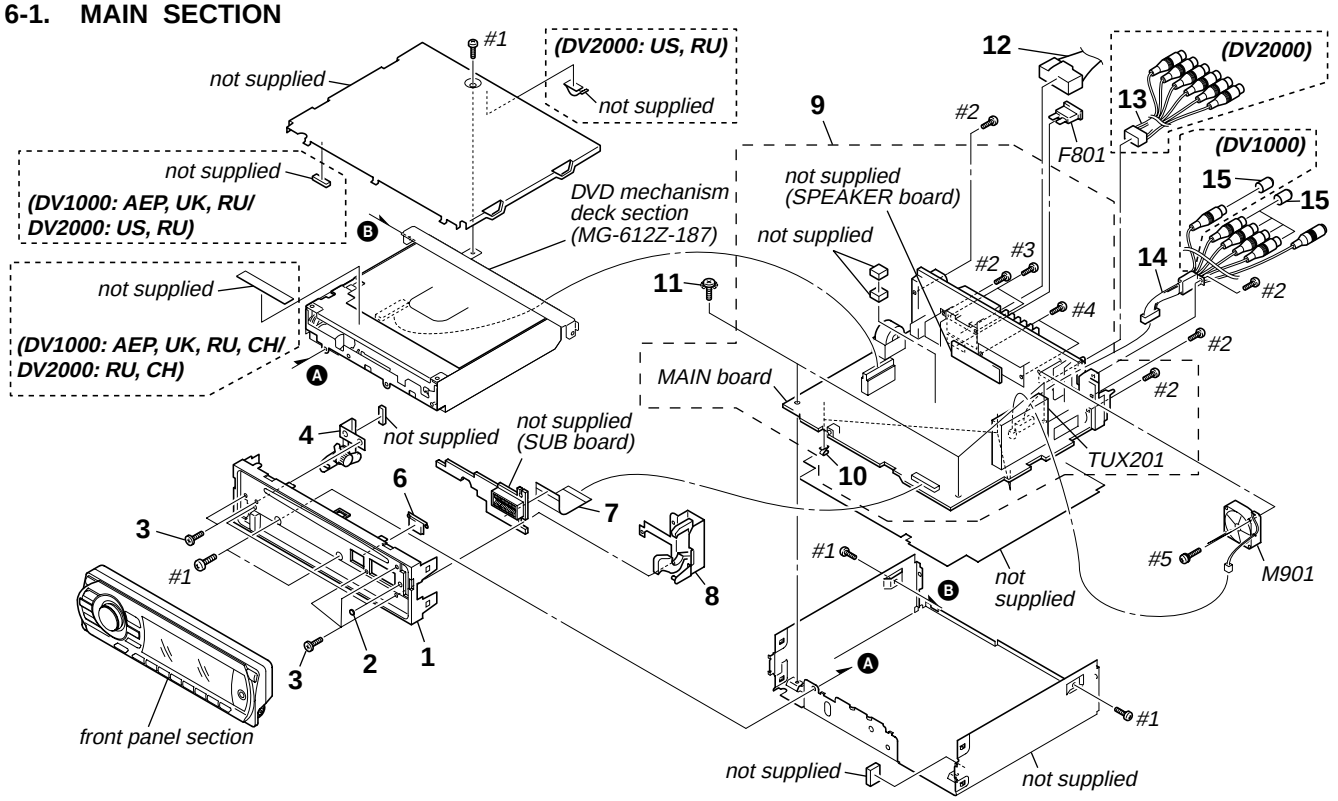
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Accessories are given in the last of the electrical parts list.
- Abbreviation
  CH : Chinese model
  CND : Canadian model
  IND : Indian model
  RU : Russian model

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiquens pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

原理图和零件清单中标有⚠记号的零部件，或带有⚠记号的虚线所圈示的零部件，对于维系安全至关重要。因此只能以指定号码的零部件来更换。

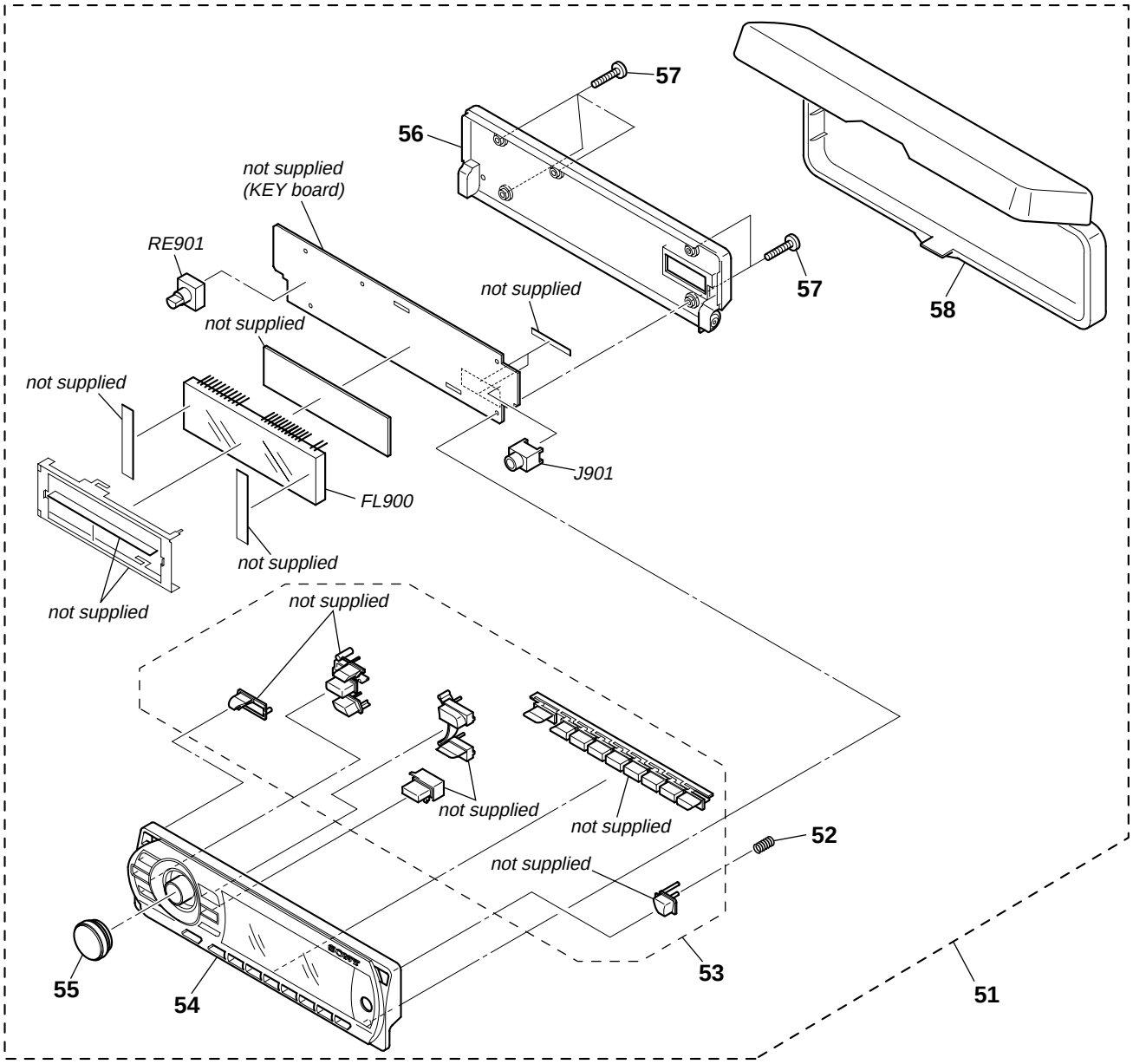
6-1. MAIN SECTION



Ref. No.	Part No.	Description	Remark
1	X-2159-739-1	PANEL ASSY, SUB	
2	3-260-247-01	CUSHION (SUB PANEL)	
3	3-042-244-01	SCREW (T)	
4	X-3384-203-2	GEAR ASSY	
6	3-246-441-01	BUTTON (EJECT) (⏏)	
7	1-833-591-11	CABLE, FLEXIBLE FLAT (20 CORE)	
8	X-2176-202-1	LOCK ASSY	
9	A-1234-245-A	MAIN BOARD, COMPLETE (DV2000: E (PAL), IND, CH)	
9	A-1234-248-A	MAIN BOARD, COMPLETE (DV2000: E (NTSC))	
9	A-1234-251-A	MAIN BOARD, COMPLETE (DV2000: US, CND)	
9	A-1234-254-A	MAIN BOARD, COMPLETE (DV2000: RU)	
9	A-1234-292-A	MAIN BOARD, COMPLETE (DV1000: E (PAL), IND, CH)	
9	A-1234-295-A	MAIN BOARD, COMPLETE (DV1000: E (NTSC))	
9	A-1234-301-A	MAIN BOARD, COMPLETE (DV1000: AEP, UK, RU)	
10	1-694-592-31	TERMINAL	
11	3-376-464-11	SCREW (+PTT 2.6X6), GROUND POINT	
12	1-828-543-11	CORD (WITH CONNECTOR) (POWER) (DV2000: RU)	
12	1-828-543-21	CORD (WITH CONNECTOR) (POWER) (DV1000: AEP, UK, RU)	

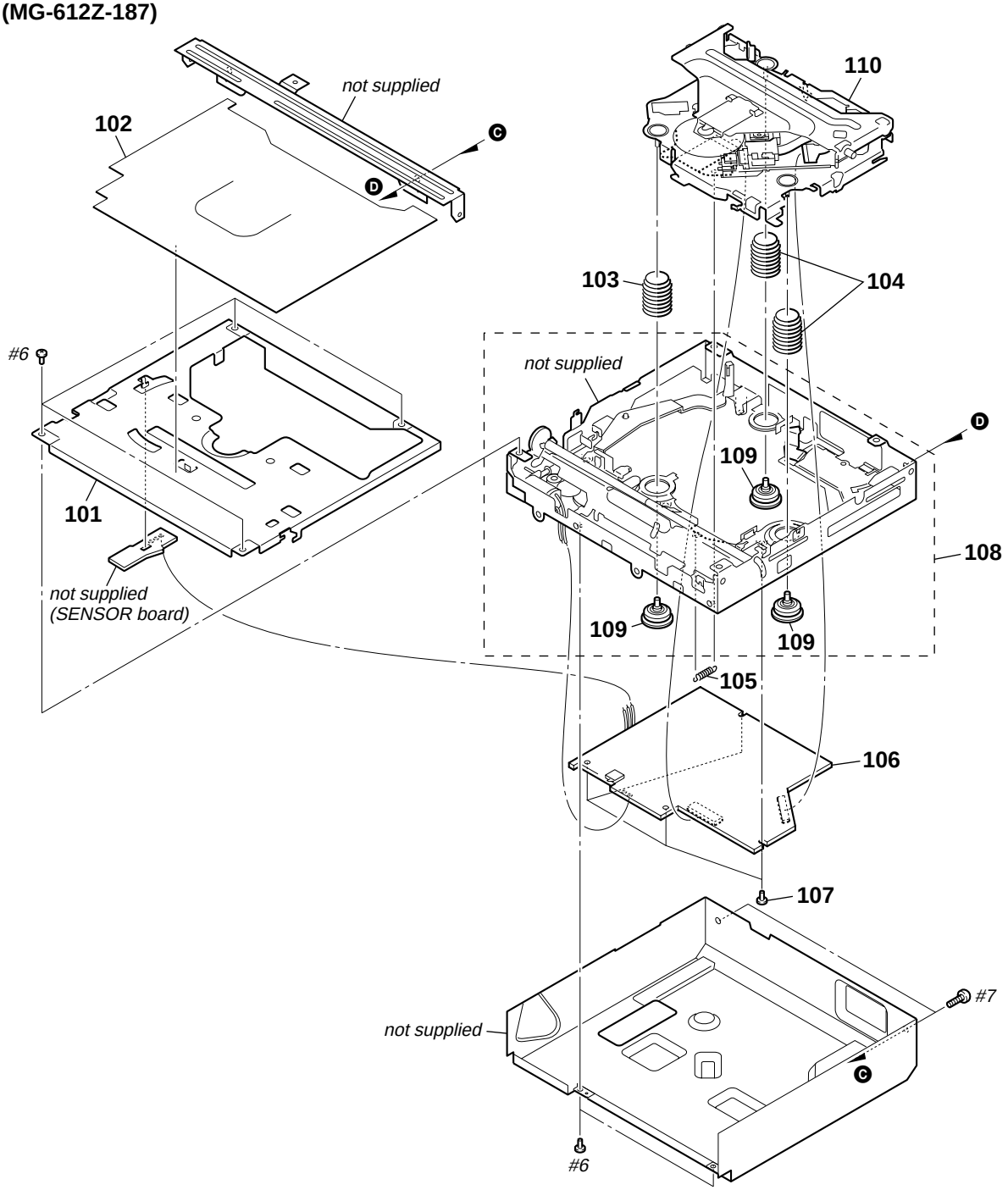
Ref. No.	Part No.	Description	Remark
12	1-833-970-11	CONNECTION CORD FOR AUTOMOBILE (POWER) (DV1000: E, IND, CH)	
12	1-834-204-11	CONNECTION CORD FOR AUTOMOBILE (POWER) (DV2000: US, CND, E, IND, CH)	
13	1-833-872-11	CORD, CONNECTION (16P) (SUB OUT, CENTER OUT, FRONT AUDIO OUT, BUS AUDIO IN) (DV2000)	
14	1-833-870-11	CORD, CONNECTION (10P) (BUS AUDIO IN, VIDEO OUT, REAR AUDIO OUT, MIC IN) (DV1000)	
14	1-833-871-11	CORD, CONNECTION (8P) (REAR VIDEO OUT, FRONT VIDEO OUT, REAR AUDIO OUT, MIC IN) (DV2000)	
15	3-264-798-01	CAP	
F801	1-532-877-11	FUSE (BLADE TYPE) (AUTO FUSE) (10A/32V)	
M901	1-787-272-11	FAN, DC (25X25)	
TUX201	A-3220-961-B	TUNER UNIT (TUX-032//Q3)	
#1	7-685-792-09	SCREW +PTT 2.6X6 (S)	
#2	7-685-793-09	SCREW +PTT 2.6X8 (S)	
#3	7-685-134-19	SCREW +P 2.6X8 TYPE2 NON-SLIT	
#4	7-685-795-09	SCREW +PTT 2.6X12 (S)	
#5	7-628-254-90	SCREW +PS 2.6X14	

6-2. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark
51	A-1234-271-A	PANEL COMPLETE ASSY, FRONT (DV2000: E, IND, CH)	
51	A-1234-272-A	PANEL COMPLETE ASSY, FRONT (DV2000: US, CND)	
51	A-1234-273-A	PANEL COMPLETE ASSY, FRONT (DV2000: RU)	
51	A-1234-318-A	PANEL COMPLETE ASSY, FRONT (DV1000: E (PAL), IND, CH)	
51	A-1234-319-A	PANEL COMPLETE ASSY, FRONT (DV1000: E (NTSC))	
51	A-1234-321-A	PANEL COMPLETE ASSY, FRONT (DV1000: AEP, UK, RU)	
52	3-264-712-01	SPRING (OPEN)	
53	X-2177-286-1	BUTTON ASSY (S) (DV1000: E, IND, CH)	
53	X-2177-287-1	BUTTON ASSY (S) (DV1000: AEP, UK, RU)	
53	X-2177-289-1	BUTTON ASSY (S) (DV2000: RU)	
53	X-2177-292-1	BUTTON ASSY (S) (DV2000: US, CND, E, IND, CH)	
54	X-2177-285-1	PANEL (SV) ASSY, FRONT (DV1000: E, IND, CH)	
54	X-2177-288-1	PANEL (SV) ASSY, FRONT (DV2000: E, IND, CH)	
54	X-2177-290-1	PANEL (SV) ASSY, FRONT (DV2000: RU)	
54	X-2177-291-1	PANEL (SV) ASSY, FRONT (DV2000: US, CND)	
54	X-2177-378-1	PANEL (SV) ASSY, FRONT (DV1000: AEP, UK, RU)	
55	X-2149-198-1	KNOB ASSY (S)	
56	X-2149-196-2	PANEL ASSY, BACK (DV1000: E (NTSC)/DV2000: US, CND)	
56	X-2159-740-1	PANEL ASSY, BACK (DV1000: AEP, UK, RU, E (PAL), IND, CH/DV2000: RU, E, IND, CH)	
57	3-250-543-21	SCREW (+B P-TITE M2)	
58	X-2055-358-1	CASE ASSY (for FRONT PANEL)	
FL900	1-519-948-11	INDICATOR TUBE, FLUORESCENT	
J901	1-820-833-11	JACK, SMALL TYPE (VERTICAL) (AUX)	
RE901	1-479-902-11	ENCODER, ROTARY (PUSH SELECT (VOLUME))	

6-3. DVD MECHANISM DECK SECTION (MG-612Z-187)



Ref. No.	Part No.	Description	Remark
101	A-1211-766-A	CHASSIS (T612Z) SUB ASSY	
102	2-583-629-11	SHEET, DUST PROTECTION	
103	2-893-930-01	SPRING (DAMPER, Z), COMPRESSION	
104	3-257-892-01	SPRING (DAMPER), COIL	
105	2-188-954-11	SPRING (KF), TENSION	
106	A-1216-780-A	SERVO BOARD, COMPLETE	
107	3-352-758-31	SCREW (M1.7X2.5), TOOTHED LOCK	

Ref. No.	Part No.	Description	Remark
108	A-1211-704-A	CHASSIS (M612Z) COMPLETE ASSY	
109	3-259-033-01	DAMPER (S)	
⚠110	A-1211-700-A	CHASSIS (OP, Z) COMPLETE ASSY (including optical pick-up (KHS-360A))	
#6	7-627-552-87	SCREW, PRECISION +P 1.7X2.2	
#7	7-685-790-01	SCREW +PTT 2.6X4 (S)	

SECTION 7
ELECTRICAL PARTS LIST

KEY

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS
  uF: µF
- COILS
  uH: µH
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA... : µA... uPA... : µPA...
  uPB... : µPB... uPC... : µPC...
  uPD... : µPD...
- Abbreviation
  CH : Chinese model
  CND : Canadian model
  IND : Indian model
  RU : Russian model

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiquens pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

原理图和零件清单中标有⚠记号的零部件，或带有⚠记号的虚线所圈示的零部件，对于维系安全至关重要。因此只能以指定号码的零部件来更换。

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description			Remark
		KEY BOARD			
		**********			
		< CAPACITOR >			
C932	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V
C971	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C991	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C992	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		< CONNECTOR >			
CN901	1-818-141-11	PLUG, CONNECTOR 20P			
		< DIODE >			
D931	6-501-193-01	DIODE 1SS355WTE-17			
D981	8-719-057-80	DIODE MA8180-M-TX			
D982	6-501-089-01	DIODE RF101L2STE25			
D983	8-719-977-12	DIODE DTZ6.8B			
D984	8-719-057-80	DIODE MA8180-M-TX			
D988	8-719-977-12	DIODE DTZ6.8B			
D989	8-719-977-12	DIODE DTZ6.8B			
D990	8-719-977-12	DIODE DTZ6.8B			
D992	8-719-977-12	DIODE DTZ6.8B			
		< JUMPER RESISTOR >			
FB880	1-216-864-11	SHORT CHIP	0		
FB881	1-216-864-11	SHORT CHIP	0		
FB882	1-216-295-00	SHORT CHIP	0		
FB971	1-216-864-11	SHORT CHIP	0		
FB991	1-216-864-11	SHORT CHIP	0		
		< IC >			
IC971	6-600-163-01	IC RS-770			
		< LED >			
LED901	6-501-376-01	LED SO-194S-WM-SD-T (DV2000) (OFF)			
LED901	6-501-547-01	LED CL-197HB1E-D-T (DV1000: E (PAL), IND, CH) (OFF)			
LED901	8-719-053-09	LED SML-310VTT86 (DV1000: AEP, UK, RU, E (NTSC)) (OFF)			
LED902	6-501-376-01	LED SO-194S-WM-SD-T (DV2000) (SOURCE)			
LED902	6-501-547-01	LED CL-197HB1E-D-T (DV1000: E (PAL), IND, CH) (SOURCE)			
LED902	8-719-053-09	LED SML-310VTT86 (DV1000: AEP, UK, RU, E (NTSC)) (SOURCE)			
LED903	6-501-376-01	LED SO-194S-WM-SD-T (DV2000) (SEEK +, ▶▶ ▶▶I)			
LED903	6-501-547-01	LED CL-197HB1E-D-T (DV1000: E (PAL), IND, CH) (SEEK +, ▶▶ ▶▶I)			
LED903	8-719-053-09	LED SML-310VTT86 (DV1000: AEP, UK, RU, E (NTSC)) (SEEK +, ▶▶ ▶▶I)			
LED904	6-501-376-01	LED SO-194S-WM-SD-T (DV2000) (MODE)			
LED904	6-501-547-01	LED CL-197HB1E-D-T (DV1000: E (PAL), IND, CH) (MODE)			
LED904	8-719-053-09	LED SML-310VTT86 (DV1000: AEP, UK, RU, E (NTSC)) (MODE)			
LED906	6-501-376-01	LED SO-194S-WM-SD-T (DV2000) (CAT, LIST)			
LED906	6-501-547-01	LED CL-197HB1E-D-T (DV1000: E (PAL), IND, CH) (CAT, LIST)			
LED906	8-719-053-09	LED SML-310VTT86 (DV1000: AEP, UK, RU, E (NTSC)) (CAT, LIST)			
LED907	6-501-376-01	LED SO-194S-WM-SD-T (DV2000) (SEEK –, I◀◀ ◀◀)			
LED907	6-501-547-01	LED CL-197HB1E-D-T (DV1000: E (PAL), IND, CH) (SEEK –, I◀◀ ◀◀)			
LED907	8-719-053-09	LED SML-310VTT86 (DV1000: AEP, UK, RU, E (NTSC)) (SEEK –, I◀◀ ◀◀)			
LED908	6-501-376-01	LED SO-194S-WM-SD-T (DV2000) (🔧)			
LED908	6-501-547-01	LED CL-197HB1E-D-T (DV1000: E (PAL), IND, CH) (🔧)			
LED908	8-719-053-09	LED SML-310VTT86 (DV1000: AEP, UK, RU, E (NTSC)) (🔧)			
LED909	6-501-376-01	LED SO-194S-WM-SD-T (DV2000) (SCRL)			
LED909	6-501-547-01	LED CL-197HB1E-D-T (DV1000: E (PAL), IND, CH) (SCRL)			
LED909	8-719-053-09	LED SML-310VTT86 (DV1000: AEP, UK, RU, E (NTSC)) (SCRL)			
LED910	6-501-376-01	LED SO-194S-WM-SD-T (DV2000) (▶II, 6)			
LED910	6-501-547-01	LED CL-197HB1E-D-T (DV1000: E (PAL), IND, CH) (▶II, 6)			
LED910	8-719-053-09	LED SML-310VTT86 (DV1000: AEP, UK, RU, E (NTSC)) (▶II, 6)			
LED911	6-501-376-01	LED SO-194S-WM-SD-T (DV2000) (5)			
LED911	6-501-547-01	LED CL-197HB1E-D-T (DV1000: E (PAL), IND, CH) (5)			
LED911	8-719-053-09	LED SML-310VTT86 (DV1000: AEP, UK, RU, E (NTSC)) (5)			
LED912	6-501-376-01	LED SO-194S-WM-SD-T (DV2000) (ALBUM +, ▲, 4)			
LED912	6-501-547-01	LED CL-197HB1E-D-T (DV1000: E (PAL), IND, CH) (ALBUM +, ▲, 4)			

KEY

Ref. No.	Part No.	Description	Remark
LED912	8-719-053-09	LED SML-310VTT86 (DV1000: AEP, UK, RU, E (NTSC)) (ALBUM +, ▲, 4)	
LED913	6-501-376-01	LED SO-194S-WM-SD-T (DV2000) (▼, ALBUM –, 3)	
LED913	6-501-547-01	LED CL-197HB1E-D-T (DV1000: E (PAL), IND, CH) (▼, ALBUM –, 3)	
LED913	8-719-053-09	LED SML-310VTT86 (DV1000: AEP, UK, RU, E (NTSC)) (▼, ALBUM –, 3)	
LED914	6-501-376-01	LED SO-194S-WM-SD-T (DV2000) (SHUF, ►, 2)	
LED914	6-501-547-01	LED CL-197HB1E-D-T (DV1000: E (PAL), IND, CH) (SHUF, ►, 2)	
LED914	8-719-053-09	LED SML-310VTT86 (DV1000: AEP, UK, RU, E (NTSC)) (SHUF, ►, 2)	
LED915	6-501-376-01	LED SO-194S-WM-SD-T (DV2000) (◄, REP, 1)	
LED915	6-501-547-01	LED CL-197HB1E-D-T (DV1000: E (PAL), IND, CH) (◄, REP, 1)	
LED915	8-719-053-09	LED SML-310VTT86 (DV1000: AEP, UK, RU, E (NTSC)) (◄, REP, 1)	
LED916	6-501-376-01	LED SO-194S-WM-SD-T (DV2000) (DSPL)	
LED916	6-501-547-01	LED CL-197HB1E-D-T (DV1000: E (PAL), IND, CH) (DSPL)	
LED916	8-719-053-09	LED SML-310VTT86 (DV1000: AEP, UK, RU, E (NTSC)) (DSPL)	
LED917	6-501-376-01	LED SO-194S-WM-SD-T (DV2000) (SYSTEM, SET UP)	
LED917	6-501-547-01	LED CL-197HB1E-D-T (DV1000: E (PAL), IND, CH) (SYSTEM, SET UP)	
LED917	8-719-053-09	LED SML-310VTT86 (DV1000: AEP, UK, RU, E (NTSC)) (SYSTEM, SET UP)	
LED941	6-501-376-01	LED SO-194S-WM-SD-T (DV2000) (PUSH SOUND/ENTER)	
LED941	6-501-547-01	LED CL-197HB1E-D-T (DV1000: E (PAL), IND, CH) (PUSH SOUND/ENTER)	
LED941	8-719-053-09	LED SML-310VTT86 (DV1000: AEP, UK, RU, E (NTSC)) (PUSH SOUND/ENTER)	
LED942	6-501-376-01	LED SO-194S-WM-SD-T (DV2000) (PUSH SOUND/ENTER)	
LED942	6-501-547-01	LED CL-197HB1E-D-T (DV1000: E (PAL), IND, CH) (PUSH SOUND/ENTER)	
LED942	8-719-053-09	LED SML-310VTT86 (DV1000: AEP, UK, RU, E (NTSC)) (PUSH SOUND/ENTER)	
LED943	6-501-376-01	LED SO-194S-WM-SD-T (DV2000) (PUSH SOUND/ENTER)	
LED943	6-501-547-01	LED CL-197HB1E-D-T (DV1000: E (PAL), IND, CH) (PUSH SOUND/ENTER)	
LED943	8-719-053-09	LED SML-310VTT86 (DV1000: AEP, UK, RU, E (NTSC)) (PUSH SOUND/ENTER)	
LED944	6-501-376-01	LED SO-194S-WM-SD-T (DV2000) (PUSH SOUND/ENTER)	
LED944	6-501-547-01	LED CL-197HB1E-D-T (DV1000: E (PAL), IND, CH) (PUSH SOUND/ENTER)	
LED944	8-719-053-09	LED SML-310VTT86 (DV1000: AEP, UK, RU, E (NTSC)) (PUSH SOUND/ENTER)	
		< TRANSISTOR >	
Q991	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
Q992	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
Q993	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
		< RESISTOR >	
R901	1-216-198-00	RES-CHIP 1K 5% 1/8W	
R902	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R903	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R904	1-216-822-11	METAL CHIP 1.2K 5% 1/10W	
R905	1-216-823-11	METAL CHIP 1.5K 5% 1/10W	
R906	1-216-824-11	METAL CHIP 1.8K 5% 1/10W	
R907	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
R908	1-216-827-11	METAL CHIP 3.3K 5% 1/10W	
R909	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R910	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R911	1-216-822-11	METAL CHIP 1.2K 5% 1/10W	
R912	1-216-823-11	METAL CHIP 1.5K 5% 1/10W	
R913	1-216-824-11	METAL CHIP 1.8K 5% 1/10W	
R914	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
R915	1-216-827-11	METAL CHIP 3.3K 5% 1/10W	
R916	1-216-828-11	METAL CHIP 3.9K 5% 1/10W	
R921	1-216-033-00	RES-CHIP 220 5% 1/10W	
R923	1-216-025-11	RES-CHIP 100 5% 1/10W (DV1000: AEP, UK, RU, E (NTSC))	
R923	1-216-031-00	RES-CHIP 180 5% 1/10W (DV1000: E (PAL), IND, CH)	
R923	1-216-049-11	RES-CHIP 1K 5% 1/10W (DV2000)	
R925	1-216-033-00	RES-CHIP 220 5% 1/10W	
R927	1-216-025-11	RES-CHIP 100 5% 1/10W (DV1000: AEP, UK, RU, E (NTSC))	
R927	1-216-031-00	RES-CHIP 180 5% 1/10W (DV1000: E (PAL), IND, CH)	
R927	1-216-049-11	RES-CHIP 1K 5% 1/10W (DV2000)	
R929	1-216-033-00	RES-CHIP 220 5% 1/10W	
R931	1-216-025-11	RES-CHIP 100 5% 1/10W (DV1000: AEP, UK, RU, E (NTSC))	
R931	1-216-031-00	RES-CHIP 180 5% 1/10W (DV1000: E (PAL), IND, CH)	
R931	1-216-049-11	RES-CHIP 1K 5% 1/10W (DV2000)	
R933	1-216-033-00	RES-CHIP 220 5% 1/10W (DV1000: E (PAL), IND, CH)	
R933	1-216-035-00	RES-CHIP 270 5% 1/10W (DV1000: AEP, UK, RU, E (NTSC))	
R933	1-216-057-00	RES-CHIP 2.2K 5% 1/10W (DV2000)	
R935	1-216-035-00	RES-CHIP 270 5% 1/10W (DV1000: AEP, UK, RU, E (NTSC))	
R935	1-216-045-00	RES-CHIP 680 5% 1/10W (DV1000: E (PAL), IND, CH)	
R935	1-216-057-00	RES-CHIP 2.2K 5% 1/10W (DV2000)	
R937	1-216-025-11	RES-CHIP 100 5% 1/10W (DV1000: AEP, UK, RU, E (NTSC))	
R937	1-216-045-00	RES-CHIP 680 5% 1/10W (DV1000: E (PAL), IND, CH)	
R937	1-216-049-11	RES-CHIP 1K 5% 1/10W (DV2000)	
R939	1-216-029-00	RES-CHIP 150 5% 1/10W (DV1000: AEP, UK, RU, E (NTSC))	
R939	1-216-045-00	RES-CHIP 680 5% 1/10W (DV1000: E (PAL), IND, CH)	
R939	1-216-053-00	RES-CHIP 1.5K 5% 1/10W (DV2000)	

Ref. No.	Part No.	Description			Remark
R941	1-216-035-00	RES-CHIP	270	5%	1/10W
			(DV1000: AEP, UK, RU, E (NTSC))		
R941	1-216-049-11	RES-CHIP	1K	5%	1/10W
			(DV1000: E (PAL), IND, CH)		
R941	1-216-053-00	RES-CHIP	1.5K	5%	1/10W
					(DV2000)
R943	1-216-029-00	RES-CHIP	150	5%	1/10W
			(DV1000: AEP, UK, RU, E (NTSC))		
R943	1-216-041-00	RES-CHIP	470	5%	1/10W
			(DV1000: E (PAL), IND, CH)		
R943	1-216-053-00	RES-CHIP	1.5K	5%	1/10W
					(DV2000)
R945	1-216-035-00	RES-CHIP	270	5%	1/10W
			(DV1000: AEP, UK, RU, E (NTSC))		
R945	1-216-041-00	RES-CHIP	470	5%	1/10W
			(DV1000: E (PAL), IND, CH)		
R945	1-216-053-00	RES-CHIP	1.5K	5%	1/10W
					(DV2000)
R947	1-216-029-00	RES-CHIP	150	5%	1/10W
			(DV1000: AEP, UK, RU, E (NTSC))		
R947	1-216-045-00	RES-CHIP	680	5%	1/10W
			(DV1000: E (PAL), IND, CH)		
R947	1-216-053-00	RES-CHIP	1.5K	5%	1/10W
					(DV2000)
R949	1-216-035-00	RES-CHIP	270	5%	1/10W
			(DV1000: AEP, UK, RU, E (NTSC))		
R949	1-216-049-11	RES-CHIP	1K	5%	1/10W
			(DV1000: E (PAL), IND, CH)		
R949	1-216-053-00	RES-CHIP	1.5K	5%	1/10W
					(DV2000)
R951	1-216-029-00	RES-CHIP	150	5%	1/10W
			(DV1000: AEP, UK, RU, E (NTSC))		
R951	1-216-041-00	RES-CHIP	470	5%	1/10W
			(DV1000: E (PAL), IND, CH)		
R951	1-216-053-00	RES-CHIP	1.5K	5%	1/10W
					(DV2000)
R953	1-216-035-00	RES-CHIP	270	5%	1/10W
			(DV1000: AEP, UK, RU, E (NTSC))		
R953	1-216-041-00	RES-CHIP	470	5%	1/10W
			(DV1000: E (PAL), IND, CH)		
R953	1-216-053-00	RES-CHIP	1.5K	5%	1/10W
					(DV2000)
R955	1-216-029-00	RES-CHIP	150	5%	1/10W
			(DV1000: AEP, UK, RU, E (NTSC))		
R955	1-216-045-00	RES-CHIP	680	5%	1/10W
			(DV1000: E (PAL), IND, CH)		
R955	1-216-053-00	RES-CHIP	1.5K	5%	1/10W
					(DV2000)
R957	1-216-035-00	RES-CHIP	270	5%	1/10W
			(DV1000: AEP, UK, RU, E (NTSC))		
R957	1-216-049-11	RES-CHIP	1K	5%	1/10W
			(DV1000: E (PAL), IND, CH)		
R957	1-216-053-00	RES-CHIP	1.5K	5%	1/10W
					(DV2000)
R959	1-216-198-00	RES-CHIP	1K	5%	1/8W
R966	1-216-833-11	METAL CHIP	10K	5%	1/10W
R972	1-216-809-11	METAL CHIP	100	5%	1/10W
R975	1-216-864-11	SHORT CHIP	0		
R981	1-216-864-11	SHORT CHIP	0		
R982	1-216-864-11	SHORT CHIP	0		
R983	1-216-864-11	SHORT CHIP	0		
R984	1-216-809-11	METAL CHIP	100	5%	1/10W
R985	1-216-809-11	METAL CHIP	100	5%	1/10W
R986	1-216-809-11	METAL CHIP	100	5%	1/10W
R987	1-216-845-11	METAL CHIP	100K	5%	1/10W
R988	1-216-821-11	METAL CHIP	1K	5%	1/10W
R989	1-216-821-11	METAL CHIP	1K	5%	1/10W
R990	1-216-821-11	METAL CHIP	1K	5%	1/10W
R991	1-216-833-11	METAL CHIP	10K	5%	1/10W
R992	1-216-833-11	METAL CHIP	10K	5%	1/10W
R993	1-216-833-11	METAL CHIP	10K	5%	1/10W
R994	1-216-845-11	METAL CHIP	100K	5%	1/10W
R995	1-216-845-11	METAL CHIP	100K	5%	1/10W
R996	1-216-845-11	METAL CHIP	100K	5%	1/10W
		< SWITCH >			
S901	1-786-653-21	SWITCH, TACTILE (OFF)			
S902	1-786-653-21	SWITCH, TACTILE (SOURECE)			
S903	1-786-653-21	SWITCH, TACTILE (SEEK +, ▶▶ ▶▶I)			
S904	1-786-653-21	SWITCH, TACTILE (MODE)			
S906	1-786-653-21	SWITCH, TACTILE (CAT, LIST)			
S907	1-786-653-21	SWITCH, TACTILE (SEEK –, I◀◀ ◀◀)			
S908	1-786-653-21	SWITCH, TACTILE (↖)			
S909	1-786-653-21	SWITCH, TACTILE (SCRL)			
S910	1-786-653-21	SWITCH, TACTILE (▶II, 6)			
S911	1-786-653-21	SWITCH, TACTILE (5)			
S912	1-786-653-21	SWITCH, TACTILE (ALBUM +, ▲, 4)			
S913	1-786-653-21	SWITCH, TACTILE (▼, ALBUM –, 3)			
S914	1-786-653-21	SWITCH, TACTILE (SHUF, ▶, 2)			
S915	1-786-653-21	SWITCH, TACTILE (◀, REP, 1)			
S916	1-786-653-21	SWITCH, TACTILE (DSPL)			
S917	1-786-653-21	SWITCH, TACTILE (SYSTEM, SET UP)			
**********					
	A-1234-245-A	MAIN BOARD, COMPLETE (DV2000: E (PAL), IND, CH)			
	A-1234-248-A	MAIN BOARD, COMPLETE (DV2000: E (NTSC))			
	A-1234-251-A	MAIN BOARD, COMPLETE (DV2000: US, CND)			
	A-1234-254-A	MAIN BOARD, COMPLETE (DV2000: RU)			
	A-1234-292-A	MAIN BOARD, COMPLETE (DV1000: E (PAL), IND, CH)			
	A-1234-295-A	MAIN BOARD, COMPLETE (DV1000: E (NTSC))			
	A-1234-301-A	MAIN BOARD, COMPLETE (DV1000: AEP, UK, RU)			
		********** (Including the SPEAKER board)			
	1-694-592-31	TERMINAL			
	7-685-134-19	SCREW +P 2.6X8 TYPE2 NON-SLIT			
	7-685-793-09	SCREW +PTT 2.6X8 (S)			
	7-685-795-09	SCREW +PTT 2.6X12 (S)			
		< CAPACITOR >			
C101	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C102	1-117-681-11	ELECT CHIP	100uF	20%	16V
C103	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C104	1-117-681-11	ELECT CHIP	100uF	20%	16V
C105	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C106	1-126-209-11	ELECT CHIP	100uF	20%	4V
C107	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C108	1-126-176-11	ELECT	220uF	20%	10V
C109	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V

MAIN

Ref. No.	Part No.	Description			Remark
C110	1-117-681-11	ELECT CHIP	100uF	20%	16V
C111	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C113	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C114	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C116	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C117	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C118	1-128-996-11	ELECT CHIP	4.7uF	20%	50V
C119	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C120	1-124-779-00	ELECT CHIP	10uF	20%	16V
C201	1-162-959-11	CERAMIC CHIP	330PF	5%	50V
		(DV1000: AEP, UK, RU/DV2000: RU)			
C204	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
		(DV1000: AEP, UK, RU/DV2000: RU)			
C205	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
		(DV1000: AEP, UK, RU/DV2000: RU)			
C206	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		(DV1000: AEP, UK, RU/DV2000: RU)			
C207	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		(DV1000: AEP, UK, RU/DV2000: RU)			
C208	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		(DV1000: AEP, UK, RU/DV2000: RU)			
C209	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
		(DV1000: AEP, UK, RU/DV2000: RU)			
C210	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C212	1-128-996-11	ELECT CHIP	4.7uF	20%	50V
		(DV1000: AEP, UK, RU/DV2000: RU)			
C216	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		(DV1000: E, IND, CH/DV2000: US, CND, E, IND, CH)			
C219	1-124-779-00	ELECT CHIP	10uF	20%	16V
C220	1-124-779-00	ELECT CHIP	10uF	20%	16V
C221	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C224	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C225	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		(DV1000: AEP, UK, RU/DV2000: RU)			
C226	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		(DV1000: AEP, UK, RU/DV2000: RU)			
C227	1-124-589-11	ELECT	47uF	20%	16V
		(DV1000: AEP, UK, RU/DV2000: RU)			
C228	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		(DV1000: AEP, UK, RU/DV2000: RU)			
C301	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C302	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C303	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C306	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C307	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C308	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C309	1-125-972-61	ELECT	100uF	20%	16V
C310	1-125-972-61	ELECT	100uF	20%	16V
C312	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C313	1-124-779-00	ELECT CHIP	10uF	20%	16V
C314	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C315	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C316	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C319	1-164-218-11	CERAMIC CHIP	180PF	5%	50V (DV2000)
C320	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V (DV2000)
C321	1-131-664-91	CERAMIC CHIP	0.15uF	10%	10V (DV2000)
C324	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V (DV2000)
C325	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DV2000)
C326	1-164-218-11	CERAMIC CHIP	180PF	5%	50V
C327	1-164-218-11	CERAMIC CHIP	180PF	5%	50V (DV2000)
C328	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V (DV2000)
C329	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V (DV2000)
C332	1-164-218-11	CERAMIC CHIP	180PF	5%	50V (DV2000)
C333	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DV2000)
C335	1-164-218-11	CERAMIC CHIP	180PF	5%	50V
C336	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C337	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C338	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C339	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C340	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C341	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C342	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C343	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V (DV2000)
C344	1-124-779-00	ELECT CHIP	10uF	20%	16V (DV2000)
C345	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V (DV2000)
C346	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V (DV2000)
C347	1-100-381-11	ELECT CHIP	10uF	20%	16V (DV2000)
C347	1-124-779-00	ELECT CHIP	10uF	20%	16V (DV1000)
C348	1-100-381-11	ELECT CHIP	10uF	20%	16V (DV2000)
C348	1-124-779-00	ELECT CHIP	10uF	20%	16V (DV1000)
C349	1-117-681-11	ELECT CHIP	100uF	20%	16V
C350	1-125-972-61	ELECT	100uF	20%	16V
C352	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C353	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C354	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C357	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C358	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C359	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C361	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DV2000)
C362	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C363	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C364	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DV2000)
C365	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C369	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V (DV2000)
C370	1-124-779-00	ELECT CHIP	10uF	20%	16V (DV2000)
C371	1-100-381-11	ELECT CHIP	10uF	20%	16V (DV2000)

Ref. No.	Part No.	Description			Remark
C371	1-124-779-00	ELECT CHIP	10uF	20%	16V (DV1000)
C372	1-100-381-11	ELECT CHIP	10uF	20%	16V (DV2000)
C372	1-124-779-00	ELECT CHIP	10uF	20%	16V (DV1000)
C373	1-100-381-11	ELECT CHIP	10uF	20%	16V (DV2000)
C373	1-124-779-00	ELECT CHIP	10uF	20%	16V (DV1000)
C374	1-100-381-11	ELECT CHIP	10uF	20%	16V (DV2000)
C374	1-124-779-00	ELECT CHIP	10uF	20%	16V (DV1000)
C375	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DV2000)
C376	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DV2000)
C377	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C378	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C379	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C380	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C381	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C382	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C383	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C385	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C386	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C387	1-164-489-11	CERAMIC CHIP	0.22uF	10%	16V
C388	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C390	1-163-017-00	CERAMIC CHIP	0.0047uF	10%	50V
C393	1-124-589-11	ELECT	47uF	20%	16V
C395	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C396	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C397	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C401	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C402	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C403	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C405	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C406	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C407	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C408	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C409	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C411	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C412	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C413	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C414	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C415	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C416	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C417	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C418	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C419	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C420	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C421	1-128-111-11	ELECT	100uF	20%	25V
C422	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C423	1-126-934-11	ELECT	220uF	20%	16V
C424	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C425	1-125-972-61	ELECT	100uF	20%	16V
C426	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C427	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C428	1-124-589-11	ELECT	47uF	20%	16V
C504	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C505	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C513	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C515	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C516	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C517	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C518	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C519	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C520	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C521	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C522	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C523	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C524	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C525	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C526	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C527	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C528	1-128-057-11	ELECT	330uF	20%	6.3V
C529	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C531	1-125-701-11	DOUBLE LAYER	0.047F		5.5V
C532	1-125-972-61	ELECT	100uF	20%	16V
C533	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C535	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C536	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C602	1-126-767-11	ELECT	1000uF	20%	16V
C604	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C702	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (DV2000)
C702	1-165-908-11	CERAMIC CHIP	1uF	10%	10V (DV1000)
C704	1-126-395-11	ELECT CHIP	22uF	20%	16V
C705	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (DV2000)
C707	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C708	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DV2000)
C709	1-125-972-61	ELECT	100uF	20%	16V
C710	1-126-395-11	ELECT CHIP	22uF	20%	16V
C712	1-125-972-61	ELECT	100uF	20%	16V (DV2000)
C713	1-126-395-11	ELECT CHIP	22uF	20%	16V (DV2000)
C802	1-131-661-21	ELECT CHIP	100uF	20%	10V
C804	1-126-394-11	ELECT CHIP	10uF	20%	16V
C806	1-126-394-11	ELECT CHIP	10uF	20%	16V
C808	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C809	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C810	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C811	1-126-193-11	ELECT CHIP	1uF	20%	50V
C812	1-128-996-11	ELECT CHIP	4.7uF	20%	50V (DV2000)
C813	1-126-098-11	ELECT	22uF	20%	35V
C814	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C815	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C816	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C818	1-112-302-11	ELECT	3300uF	20%	16V
C820	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C821	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C822	1-125-972-61	ELECT	100uF	20%	16V

MAIN

Ref. No.	Part No.	Description			Remark
C823	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C824	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C825	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C826	1-126-402-11	ELECT CHIP	2.2uF	20%	50V
C827	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C828	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C829	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C830	1-126-394-11	ELECT CHIP	10uF	20%	16V
C831	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C833	1-126-394-11	ELECT CHIP	10uF	20%	16V
C834	1-164-489-11	CERAMIC CHIP	0.22uF	10%	16V
C835	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C836	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C837	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C838	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C839	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C840	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C841	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C842	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C843	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C844	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C845	1-124-589-11	ELECT	47uF	20%	16V
C846	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C847	1-164-217-11	CERAMIC CHIP	150PF	5%	50V
C848	1-125-972-61	ELECT	100uF	20%	16V
C849	1-126-601-11	ELECT CHIP	2.2uF	20%	50V
C850	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C851	1-126-176-11	ELECT	220uF	20%	10V
C852	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C853	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V
C854	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C855	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C856	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C901	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C902	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C903	1-124-779-00	ELECT CHIP	10uF	20%	16V
C904	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
		< CONNECTOR >			
CN101	1-821-033-11	CONNECTOR, BOARD TO BOARD			
CN301	1-794-603-12	PIN, CONNECTOR (S16B-PADSS-1) 16P			(DV2000)
CN302	1-506-990-11	PIN, CONNECTOR (PC BOARD) 8P (DV2000)			
* CN302	1-506-992-11	PIN, CONNECTOR (PC BOARD) 10P (DV1000)			
CN401	1-569-913-11	SOCKET, CONNECTOR 20P			
CN501	1-785-900-21	CONNECTOR 5P			
CN602	1-580-907-41	PLUG, CONNECTOR (BUS CONTROL IN)			
CN801	1-774-701-21	PIN, CONNECTOR 16P			
CN901	1-770-359-11	PIN, CONNECTOR (PC BOARD) 2P			
		< JACK >			
CNJ903	1-566-822-41	JACK (REMOTE IN)			
		< DIODE >			
D101	8-719-060-48	DIODE RB751V-40TE-17			
D102	8-719-060-48	DIODE RB751V-40TE-17			
D103	6-500-334-01	DIODE MC2836-T112-1			

Ref. No.	Part No.	Description	Remark
D104	8-719-977-12	DIODE DTZ6.8B	
D201	8-719-977-03	DIODE DTZ5.6B	
D301	8-719-016-73	DIODE STZ6.8T	
D302	6-501-336-01	DIODE RSX201L-30TE25	
D305	8-719-060-48	DIODE RB751V-40TE-17	
D306	8-719-060-48	DIODE RB751V-40TE-17	
D309	6-501-193-01	DIODE 1SS355WTE-17	
D311	8-719-977-12	DIODE DTZ6.8B	
D312	8-719-977-12	DIODE DTZ6.8B	
D313	8-719-977-12	DIODE DTZ6.8B	
D401	8-719-977-12	DIODE DTZ6.8B	
D402	8-719-057-80	DIODE MA8180-M-TX	
D405	8-719-977-12	DIODE DTZ6.8B	
D406	8-719-977-12	DIODE DTZ6.8B	
D410	8-719-977-12	DIODE DTZ6.8B	
D411	8-719-977-12	DIODE DTZ6.8B	
D412	8-719-420-90	DIODE MA8051-M	
D413	6-501-124-01	DIODE RSX101VA-30TR	
D414	8-719-977-12	DIODE DTZ6.8B	
D415	8-719-977-12	DIODE DTZ6.8B	
D416	8-719-977-12	DIODE DTZ6.8B	
D417	8-719-977-12	DIODE DTZ6.8B	
D418	8-719-977-12	DIODE DTZ6.8B	
D419	8-719-977-12	DIODE DTZ6.8B	
D420	8-719-977-12	DIODE DTZ6.8B	
D421	8-719-977-12	DIODE DTZ6.8B	
D503	8-719-017-79	DIODE MA8033	
D504	6-501-193-01	DIODE 1SS355WTE-17	
D505	6-501-013-01	DIODE BAT54ALT1G	
D602	8-719-057-80	DIODE MA8180-M-TX	
D603	8-719-057-80	DIODE MA8180-M-TX	
D604	8-719-422-64	DIODE MA8062-M	
D605	8-719-058-24	DIODE RB501V-40TE-17	
D606	8-719-057-80	DIODE MA8180-M-TX	
D801	8-719-053-18	DIODE 1SR154-400TE-25	
D802	8-719-053-18	DIODE 1SR154-400TE-25	
D803	8-719-053-18	DIODE 1SR154-400TE-25	
D804	8-719-053-18	DIODE 1SR154-400TE-25	
D805	8-719-053-18	DIODE 1SR154-400TE-25	
D806	8-719-053-18	DIODE 1SR154-400TE-25	
D807	8-719-053-18	DIODE 1SR154-400TE-25	
D808	8-719-053-18	DIODE 1SR154-400TE-25	
D809	6-500-508-01	DIODE RR263M-400FTR	
D810	6-500-508-01	DIODE RR263M-400FTR	
D811	6-501-193-01	DIODE 1SS355WTE-17 (DV2000)	
D812	8-719-057-80	DIODE MA8180-M-TX	
D814	8-719-057-80	DIODE MA8180-M-TX (DV2000)	
D815	6-501-571-01	DIODE 1N5404-C311-3	
D816	8-719-053-18	DIODE 1SR154-400TE-25	
D817	8-719-053-18	DIODE 1SR154-400TE-25	
D818	8-719-987-69	DIODE DAN217	
D819	8-719-057-80	DIODE MA8180-M-TX (DV2000)	
D821	6-501-193-01	DIODE 1SS355WTE-17	
D822	6-501-336-01	DIODE RSX201L-30TE25	
		< FERRITE BEAD >	
FB101	1-500-283-11	INDUCTOR, FERRITE BEAD	

Ref. No.	Part No.	Description	Remark
FB102	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB103	1-500-283-11	INDUCTOR, FERRITE BEAD	
FB105	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB106	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB107	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB108	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB109	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB110	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB111	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB112	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB114	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB115	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB116	1-414-234-22	INDUCTOR, FERRITE BEAD	
FB117	1-414-234-22	INDUCTOR, FERRITE BEAD	
FB134	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB701	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB702	1-469-179-21	INDUCTOR, FERRITE BEAD (DV2000)	
		< IC >	
IC101	8-759-832-05	IC BA18BC0FP-E2	
* IC102	6-704-337-01	IC BD7931F	
IC103	6-705-025-01	IC PQ20WZ1UJ00H	
IC201	6-803-747-01	IC TDA7333013TR (DV1000: AEP, UK, RU/DV2000: RU)	
IC301	8-759-697-21	IC NJM4565V (TE2)	
IC302	6-707-303-01	IC TDA7419TR	
IC304	8-759-697-21	IC NJM4565V (TE2) (DV2000)	
IC305	8-759-697-21	IC NJM4565V (TE2) (DV2000)	
IC306	8-759-697-21	IC NJM4565V (TE2)	
IC307	6-710-870-01	IC BD3434K-E2	
IC405	6-709-213-01	IC NJM2387ADL3 (TE2)	
IC501	(Not supplied)	IC M3062LFGPGP	
IC502	8-759-659-13	IC PST3428UL	
IC503	6-710-880-01	IC S-1132B33-U5T1G	
IC504	6-703-995-01	IC BR24L02FV-WE2	
IC601	6-707-911-01	IC BD9778HFP	
IC603	6-703-884-01	IC BA8271F-E2	
IC701	6-706-369-01	IC NJM2561F1-TE2	
IC702	6-706-369-01	IC NJM2561F1-TE2 (DV2000)	
IC802	6-705-359-02	IC TDA8588AJ/N2/R1	
IC803	6-709-863-01	IC BD9300FV-FE2	
IC804	6-705-469-01	IC BA50BC0FP-E2	
		< JACK >	
J201	1-815-185-13	JACK (ANT) (ANTENNA IN)	
		< COIL >	
L101	1-469-559-21	INDUCTOR 47uH	
L102	1-481-059-11	INDUCTOR 4.7uH	
L301	1-469-993-21	INDUCTOR (POWER) 100uH	
L302	1-469-559-21	INDUCTOR 47uH	
L303	1-414-404-41	INDUCTOR 100uH	
L304	1-469-559-21	INDUCTOR 47uH	
L403	1-456-222-21	COIL, CHOKE 47uH	
L404	1-469-551-21	INDUCTOR 2.2uH	
L405	1-419-403-41	COIL, CHOKE 47uH	
L501	1-414-400-41	INDUCTOR 22uH	

Ref. No.	Part No.	Description	Remark
L801	1-456-617-11	COIL, CHOKE	
		< TRANSISTOR >	
Q201	6-551-431-01	TRANSISTOR 2SC6027T100-QR	
Q202	8-729-038-28	TRANSISTOR RT1N441C-TP-1 (DV1000: AEP, UK, RU/DV2000: RU)	
Q203	8-729-600-22	TRANSISTOR 2SA1235-F (DV1000: AEP, UK, RU/DV2000: RU)	
Q204	8-729-038-28	TRANSISTOR RT1N441C-TP-1 (DV1000: AEP, UK, RU/DV2000: RU)	
Q302	6-550-752-01	TRANSISTOR DTC614TKT146 (DV2000)	
Q303	6-550-752-01	TRANSISTOR DTC614TKT146 (DV2000)	
Q304	6-550-752-01	TRANSISTOR DTC614TKT146	
Q305	6-550-752-01	TRANSISTOR DTC614TKT146	
Q306	6-550-752-01	TRANSISTOR DTC614TKT146	
Q307	6-550-752-01	TRANSISTOR DTC614TKT146	
Q310	8-729-027-23	TRANSISTOR DTA114EKA-T146	
Q311	8-729-027-46	TRANSISTOR DTC114YKA-T146	
Q401	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q402	8-729-027-23	TRANSISTOR DTA114EKA-T146	
Q403	6-550-877-01	TRANSISTOR 2SA2049T100R	
Q404	8-729-038-28	TRANSISTOR RT1N441C-TP-1	
Q405	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q604	8-729-027-46	TRANSISTOR DTC114YKA-T146	
Q802	8-729-620-07	TRANSISTOR 2SC3052-T1-LEF	
Q803	8-729-620-07	TRANSISTOR 2SC3052-T1-LEF (DV2000)	
Q804	8-729-620-07	TRANSISTOR 2SC3052-T1-LEF (DV2000)	
Q805	8-729-620-07	TRANSISTOR 2SC3052-T1-LEF	
Q806	6-550-877-01	TRANSISTOR 2SA2049T100R	
Q901	8-729-620-07	TRANSISTOR 2SC3052-T1-LEF	
Q902	8-729-820-46	TRANSISTOR 2SB1202FAS	
Q903	8-729-620-07	TRANSISTOR 2SC3052-T1-LEF	
		< RESISTOR/FERRITE BEAD >	
R104	1-216-864-11	SHORT CHIP 0	
R113	1-216-864-11	SHORT CHIP 0	
R118	1-216-864-11	SHORT CHIP 0	
R119	1-216-864-11	SHORT CHIP 0	
R120	1-216-864-11	SHORT CHIP 0	
R121	1-216-864-11	SHORT CHIP 0	
R123	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R124	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R126	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
R129	1-216-864-11	SHORT CHIP 0	
R130	1-216-864-11	SHORT CHIP 0 (DV2000)	
R131	1-216-864-11	SHORT CHIP 0	
R138	1-216-864-11	SHORT CHIP 0	
R201	1-216-864-11	SHORT CHIP 0 (DV1000: AEP, UK, RU/DV2000: RU)	
R202	1-216-001-00	RES-CHIP 10 5% 1/10W (DV1000: AEP, UK, RU/DV2000: RU)	
R203	1-216-001-00	RES-CHIP 10 5% 1/10W (DV1000: AEP, UK, RU/DV2000: RU)	
R204	1-216-864-11	SHORT CHIP 0 (DV1000: AEP, UK, RU/DV2000: RU)	
R205	1-216-833-11	METAL CHIP 10K 5% 1/10W (DV1000: AEP, UK, RU/DV2000: RU)	
R206	1-216-864-11	SHORT CHIP 0(EXCEPT DV2000: US, CND)	
R206	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)	

Note: IC501 cannot exchange with single. When IC501 is damaged, exchange the entire mounted board.

MAIN

Ref. No.	Part No.	Description			Remark
R207	1-216-864-11	SHORT CHIP	0(EXCEPT DV2000: US, CND)		
R207	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)			
R208	1-216-864-11	SHORT CHIP	0(EXCEPT DV2000: US, CND)		
R208	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)			
R209	1-216-864-11	SHORT CHIP	0(EXCEPT DV2000: US, CND)		
R209	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)			
R210	1-216-864-11	SHORT CHIP	0		
R211	1-216-864-11	SHORT CHIP	0(EXCEPT DV2000: US, CND)		
R211	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)			
R212	1-216-864-11	SHORT CHIP	0(EXCEPT DV2000: US, CND)		
R212	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)			
R213	1-216-001-00	RES-CHIP	10	5%	1/10W (DV1000: AEP, UK, RU/DV2000: RU)
R214	1-216-864-11	SHORT CHIP	0(EXCEPT DV2000: US, CND)		
R214	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)			
R215	1-216-809-11	METAL CHIP	100	5%	1/10W (DV1000: AEP, UK, RU/DV2000: RU)
R216	1-216-817-11	METAL CHIP	470	5%	1/10W
R217	1-216-864-11	SHORT CHIP	0		
R218	1-216-821-11	METAL CHIP	1K	5%	1/10W (DV1000: AEP, UK, RU/DV2000: RU)
R219	1-216-845-11	METAL CHIP	100K	5%	1/10W (DV1000: AEP, UK, RU/DV2000: RU)
R220	1-216-801-11	METAL CHIP	22	5%	1/10W (DV1000: AEP, UK, RU/DV2000: RU)
R221	1-216-864-11	SHORT CHIP	0(EXCEPT DV2000: US, CND)		
R221	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)			
R222	1-216-864-11	SHORT CHIP	0(EXCEPT DV2000: US, CND)		
R222	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)			
R223	1-216-864-11	SHORT CHIP	0(EXCEPT DV2000: US, CND)		
R223	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)			
R224	1-216-864-11	SHORT CHIP	0		
R225	1-216-864-11	SHORT CHIP	0		
R227	1-216-864-11	SHORT CHIP	0		
R228	1-216-001-00	RES-CHIP	10	5%	1/10W (DV1000: AEP, UK, RU/DV2000: RU)
R301	1-216-864-11	SHORT CHIP	0		
R306	1-216-864-11	SHORT CHIP	0		
R307	1-216-049-11	RES-CHIP	1K	5%	1/10W
R308	1-216-049-11	RES-CHIP	1K	5%	1/10W
R309	1-216-833-11	METAL CHIP	10K	5%	1/10W
R310	1-216-833-11	METAL CHIP	10K	5%	1/10W
R311	1-218-879-11	METAL CHIP	22K	0.5%	1/10W (DV2000)
R312	1-218-873-11	METAL CHIP	12K	0.5%	1/10W (DV2000)
R313	1-218-879-11	METAL CHIP	22K	0.5%	1/10W (DV2000)
R314	1-218-871-11	METAL CHIP	10K	0.5%	1/10W (DV2000)
R315	1-218-875-11	METAL CHIP	15K	0.5%	1/10W (DV2000)
R316	1-218-871-11	METAL CHIP	10K	0.5%	1/10W (DV2000)
R317	1-218-875-11	METAL CHIP	15K	0.5%	1/10W (DV2000)
R318	1-218-873-11	METAL CHIP	12K	0.5%	1/10W (DV2000)
R319	1-218-879-11	METAL CHIP	22K	0.5%	1/10W (DV2000)
R320	1-218-873-11	METAL CHIP	12K	0.5%	1/10W (DV2000)
R321	1-218-879-11	METAL CHIP	22K	0.5%	1/10W (DV2000)
R322	1-218-871-11	METAL CHIP	10K	0.5%	1/10W (DV2000)
R323	1-218-879-11	METAL CHIP	22K	0.5%	1/10W (DV2000)
R324	1-218-871-11	METAL CHIP	10K	0.5%	1/10W (DV2000)
R325	1-218-879-11	METAL CHIP	22K	0.5%	1/10W (DV2000)
R326	1-218-873-11	METAL CHIP	12K	0.5%	1/10W (DV2000)
R327	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R328	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R329	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R330	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R331	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R332	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R333	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R334	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R335	1-216-864-11	SHORT CHIP	0 (DV2000)		
R336	1-216-809-11	METAL CHIP	100	5%	1/10W
R337	1-216-864-11	SHORT CHIP	0		
R338	1-216-809-11	METAL CHIP	100	5%	1/10W
R339	1-216-809-11	METAL CHIP	100	5%	1/10W
R340	1-216-809-11	METAL CHIP	100	5%	1/10W
R341	1-216-809-11	METAL CHIP	100	5%	1/10W
R342	1-216-864-11	SHORT CHIP	0 (DV1000)		
R343	1-216-864-11	SHORT CHIP	0		
R344	1-216-840-11	METAL CHIP	39K	5%	1/10W
R345	1-216-864-11	SHORT CHIP	0		
R350	1-216-864-11	SHORT CHIP	0		
R351	1-216-864-11	SHORT CHIP	0		
R352	1-216-809-11	METAL CHIP	100	5%	1/10W
R353	1-216-809-11	METAL CHIP	100	5%	1/10W
R354	1-216-809-11	METAL CHIP	100	5%	1/10W
R355	1-216-809-11	METAL CHIP	100	5%	1/10W
R356	1-216-809-11	METAL CHIP	100	5%	1/10W (DV2000)
R357	1-216-809-11	METAL CHIP	100	5%	1/10W (DV2000)
R358	1-216-833-11	METAL CHIP	10K	5%	1/10W (DV2000)
R359	1-216-833-11	METAL CHIP	10K	5%	1/10W (DV2000)
R360	1-216-833-11	METAL CHIP	10K	5%	1/10W
R361	1-216-833-11	METAL CHIP	10K	5%	1/10W
R362	1-216-833-11	METAL CHIP	10K	5%	1/10W
R363	1-216-833-11	METAL CHIP	10K	5%	1/10W
R364	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R365	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R367	1-216-805-11	METAL CHIP	47	5%	1/10W
R368	1-216-864-11	SHORT CHIP	0		
R369	1-216-864-11	SHORT CHIP	0		
R370	1-216-864-11	SHORT CHIP	0		
R371	1-216-864-11	SHORT CHIP	0		
R372	1-216-864-11	SHORT CHIP	0		

Ref. No.	Part No.	Description			Remark
R373	1-216-864-11	SHORT CHIP	0		
R374	1-216-864-11	SHORT CHIP	0(EXCEPT DV2000: US, CND)		
R374	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)			
R375	1-216-864-11	SHORT CHIP	0(EXCEPT DV2000: US, CND)		
R375	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)			
R376	1-216-864-11	SHORT CHIP	0(EXCEPT DV2000: US, CND)		
R376	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)			
R377	1-216-864-11	SHORT CHIP	0(EXCEPT DV2000: US, CND)		
R377	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)			
R382	1-216-809-11	METAL CHIP	100	5%	1/10W
R383	1-216-813-11	METAL CHIP	220	5%	1/10W
R394	1-216-837-11	METAL CHIP	22K	5%	1/10W
R395	1-216-837-11	METAL CHIP	22K	5%	1/10W
R396	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R397	1-216-839-11	METAL CHIP	33K	5%	1/10W
R398	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R399	1-216-839-11	METAL CHIP	33K	5%	1/10W
R401	1-216-864-11	SHORT CHIP	0		
R402	1-216-295-00	SHORT CHIP	0		
R403	1-216-296-11	SHORT CHIP	0		
R404	1-216-821-11	METAL CHIP	1K	5%	1/10W
R405	1-216-295-00	SHORT CHIP	0		
R406	1-216-073-00	RES-CHIP	10K	5%	1/10W
R407	1-216-817-11	METAL CHIP	470	5%	1/10W
R408	1-216-296-11	SHORT CHIP	0		
R410	1-216-864-11	SHORT CHIP	0		
R411	1-216-864-11	SHORT CHIP	0		
R412	1-216-864-11	SHORT CHIP	0		
R413	1-220-264-11	METAL CHIP	1K	5%	1/4W
R414	1-220-264-11	METAL CHIP	1K	5%	1/4W
R416	1-216-839-11	METAL CHIP	33K	5%	1/10W
R417	1-216-851-11	METAL CHIP	330K	5%	1/10W
R418	1-216-844-11	METAL CHIP	82K	5%	1/10W
R419	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R420	1-216-864-11	SHORT CHIP	0		
R421	1-216-821-11	METAL CHIP	1K	5%	1/10W
R428	1-216-797-11	METAL CHIP	10	5%	1/10W
R429	1-216-821-11	METAL CHIP	1K	5%	1/10W
R430	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R436	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R437	1-218-883-11	METAL CHIP	33K	0.5%	1/10W
R438	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R439	1-216-864-11	SHORT CHIP	0		
R440	1-216-821-11	METAL CHIP	1K	5%	1/10W
R442	1-216-864-11	SHORT CHIP	0		
R446	1-216-864-11	SHORT CHIP	0		
R448	1-216-809-11	METAL CHIP	100	5%	1/10W
R449	1-216-809-11	METAL CHIP	100	5%	1/10W
R450	1-216-809-11	METAL CHIP	100	5%	1/10W
R456	1-216-864-11	SHORT CHIP	0		
R457	1-216-864-11	SHORT CHIP	0		
R458	1-216-864-11	SHORT CHIP	0		
R459	1-216-864-11	SHORT CHIP	0		
R501	1-216-864-11	SHORT CHIP	0 (DV2000)		
R502	1-216-845-11	METAL CHIP	100K	5%	1/10W (DV1000)
R503	1-216-809-11	METAL CHIP	100	5%	1/10W
R505	1-216-845-11	METAL CHIP	100K	5%	1/10W
R506	1-216-845-11	METAL CHIP	100K	5%	1/10W
R507	1-216-845-11	METAL CHIP	100K	5%	1/10W
R508	1-216-845-11	METAL CHIP	100K	5%	1/10W (DV1000: E, IND, CH/DV2000: E, IND, CH)
R509	1-216-864-11	SHORT CHIP	0		(DV1000: AEP, UK, RU/DV2000: US, CND, RU)
R510	1-216-845-11	METAL CHIP	100K	5%	1/10W (DV1000: E (NTSC)/DV2000: US, CND, E (NTSC))
R511	1-216-864-11	SHORT CHIP	0 (DV1000: AEP, UK, RU, E (PAL), IND, CH/DV2000: RU, E (PAL), IND, CH)		
R512	1-216-839-11	METAL CHIP	33K	5%	1/10W
R513	1-216-845-11	METAL CHIP	100K	5%	1/10W
R514	1-216-841-11	METAL CHIP	47K	5%	1/10W
R515	1-216-849-11	METAL CHIP	220K	5%	1/10W
R520	1-216-833-11	METAL CHIP	10K	5%	1/10W
R521	1-216-845-11	METAL CHIP	100K	5%	1/10W
R522	1-216-845-11	METAL CHIP	100K	5%	1/10W
R523	1-216-845-11	METAL CHIP	100K	5%	1/10W
R525	1-216-821-11	METAL CHIP	1K	5%	1/10W
R526	1-216-845-11	METAL CHIP	100K	5%	1/10W
R527	1-216-821-11	METAL CHIP	1K	5%	1/10W
R528	1-216-845-11	METAL CHIP	100K	5%	1/10W
R529	1-216-845-11	METAL CHIP	100K	5%	1/10W
R530	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R531	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R532	1-216-821-11	METAL CHIP	1K	5%	1/10W
R533	1-216-843-11	METAL CHIP	68K	5%	1/10W
R534	1-216-839-11	METAL CHIP	33K	5%	1/10W
R535	1-216-843-11	METAL CHIP	68K	5%	1/10W
R536	1-216-839-11	METAL CHIP	33K	5%	1/10W
R537	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R538	1-216-809-11	METAL CHIP	100	5%	1/10W
R539	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R540	1-216-809-11	METAL CHIP	100	5%	1/10W
R541	1-216-809-11	METAL CHIP	100	5%	1/10W
R542	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R543	1-216-821-11	METAL CHIP	1K	5%	1/10W
R544	1-216-833-11	METAL CHIP	10K	5%	1/10W
R545	1-216-845-11	METAL CHIP	100K	5%	1/10W
R546	1-216-845-11	METAL CHIP	100K	5%	1/10W
R547	1-216-821-11	METAL CHIP	1K	5%	1/10W
R548	1-216-821-11	METAL CHIP	1K	5%	1/10W
R550	1-216-821-11	METAL CHIP	1K	5%	1/10W
R551	1-216-821-11	METAL CHIP	1K	5%	1/10W
R552	1-216-821-11	METAL CHIP	1K	5%	1/10W
R553	1-216-843-11	METAL CHIP	68K	5%	1/10W (DV1000: AEP, UK, RU/DV2000: RU)
R554	1-216-839-11	METAL CHIP	33K	5%	1/10W (DV1000: AEP, UK, RU/DV2000: RU)
R555	1-216-845-11	METAL CHIP	100K	5%	1/10W (DV1000: E, IND, CH/DV2000: US, CND, E, IND, CH)
R556	1-216-833-11	METAL CHIP	10K	5%	1/10W (DV1000: AEP, UK, RU/DV2000: RU)
R557	1-216-845-11	METAL CHIP	100K	5%	1/10W
R558	1-216-864-11	SHORT CHIP	0		
R559	1-216-864-11	SHORT CHIP	0		
R560	1-216-845-11	METAL CHIP	100K	5%	1/10W
R561	1-216-809-11	METAL CHIP	100	5%	1/10W

MAIN **SENSOR**

Ref. No.	Part No.	Description			Remark
R562	1-216-809-11	METAL CHIP	100	5%	1/10W
R563	1-216-809-11	METAL CHIP	100	5%	1/10W
R564	1-216-845-11	METAL CHIP	100K	5%	1/10W
R571	1-216-845-11	METAL CHIP	100K	5%	1/10W
R573	1-216-864-11	SHORT CHIP	0		
R574	1-216-864-11	SHORT CHIP	0		
R576	1-216-845-11	METAL CHIP	100K	5%	1/10W
R577	1-216-845-11	METAL CHIP	100K	5%	1/10W
R578	1-216-845-11	METAL CHIP	100K	5%	1/10W
R579	1-216-821-11	METAL CHIP	1K	5%	1/10W
R580	1-216-821-11	METAL CHIP	1K	5%	1/10W
R582	1-216-864-11	SHORT CHIP	0		
R583	1-216-833-11	METAL CHIP	10K	5%	1/10W
R584	1-216-864-11	SHORT CHIP	0		
R586	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R587	1-216-864-11	SHORT CHIP	0		
R588	1-216-845-11	METAL CHIP	100K	5%	1/10W
R589	1-216-817-11	METAL CHIP	470	5%	1/10W
R590	1-216-809-11	METAL CHIP	100	5%	1/10W
R591	1-216-809-11	METAL CHIP	100	5%	1/10W
R592	1-216-809-11	METAL CHIP	100	5%	1/10W
R593	1-216-809-11	METAL CHIP	100	5%	1/10W
R602	1-216-809-11	METAL CHIP	100	5%	1/10W
R606	1-216-835-11	METAL CHIP	15K	5%	1/10W
R607	1-216-809-11	METAL CHIP	100	5%	1/10W
R608	1-216-821-11	METAL CHIP	1K	5%	1/10W
R609	1-216-821-11	METAL CHIP	1K	5%	1/10W
R610	1-216-821-11	METAL CHIP	1K	5%	1/10W
R611	1-216-851-11	METAL CHIP	330K	5%	1/10W
R612	1-216-851-11	METAL CHIP	330K	5%	1/10W
R701	1-216-296-11	SHORT CHIP	0		
R704	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R707	1-211-990-11	METAL CHIP	75	0.5%	1/10W (DV2000)
R708	1-216-864-11	SHORT CHIP	0 (DV2000)		
R802	1-216-841-11	METAL CHIP	47K	5%	1/10W (DV2000)
R803	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R804	1-216-837-11	METAL CHIP	22K	5%	1/10W (DV2000)
R805	1-216-845-11	METAL CHIP	100K	5%	1/10W (DV2000)
R806	1-216-821-11	METAL CHIP	1K	5%	1/10W (DV2000)
R807	1-216-833-11	METAL CHIP	10K	5%	1/10W (DV2000)
R808	1-216-841-11	METAL CHIP	47K	5%	1/10W
R809	1-216-073-00	RES-CHIP	10K	5%	1/10W (DV2000)
R810	1-216-833-11	METAL CHIP	10K	5%	1/10W (DV2000)
R811	1-216-073-00	RES-CHIP	10K	5%	1/10W (DV2000)
R812	1-216-073-00	RES-CHIP	10K	5%	1/10W
R813	1-216-073-00	RES-CHIP	10K	5%	1/10W
R814	1-216-841-11	METAL CHIP	47K	5%	1/10W
R815	1-216-821-11	METAL CHIP	1K	5%	1/10W
R816	1-216-821-11	METAL CHIP	1K	5%	1/10W
R817	1-216-821-11	METAL CHIP	1K	5%	1/10W
R818	1-216-296-11	SHORT CHIP	0		
R819	1-216-821-11	METAL CHIP	1K	5%	1/10W
R820	1-216-821-11	METAL CHIP	1K	5%	1/10W
R821	1-216-835-11	METAL CHIP	15K	5%	1/10W
R822	1-216-833-11	METAL CHIP	10K	5%	1/10W
R823	1-218-877-11	METAL CHIP	18K	0.5%	1/10W
R824	1-216-833-11	METAL CHIP	10K	5%	1/10W
R825	1-216-833-11	METAL CHIP	10K	5%	1/10W
R826	1-216-841-11	METAL CHIP	47K	5%	1/10W
R827	1-216-821-11	METAL CHIP	1K	5%	1/10W
R828	1-216-817-11	METAL CHIP	470	5%	1/10W
R829	1-216-845-11	METAL CHIP	100K	5%	1/10W
R830	1-216-835-11	METAL CHIP	15K	5%	1/10W
R831	1-216-835-11	METAL CHIP	15K	5%	1/10W
R832	1-216-295-00	SHORT CHIP	0		
R834	1-216-811-11	METAL CHIP	150	5%	1/10W
R835	1-216-864-11	SHORT CHIP	0		
R901	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R902	1-216-073-00	RES-CHIP	10K	5%	1/10W
R903	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R904	1-216-842-11	METAL CHIP	56K	5%	1/10W
R905	1-216-835-11	METAL CHIP	15K	5%	1/10W
R908	1-216-841-11	METAL CHIP	47K	5%	1/10W
R909	1-216-809-11	METAL CHIP	100	5%	1/10W
R910	1-216-864-11	SHORT CHIP	0		
R911	1-216-864-11	SHORT CHIP	0		
R912	1-216-864-11	SHORT CHIP	0		
		< SWITCH >			
S501	1-692-431-21	SWITCH, TACTILE (RESET)			
S502	1-786-458-11	SWITCH, PUSH (1 KEY) (FRONT PANEL DETECT)			
		< THERMISTOR >			
TH501	1-810-812-21	THERMISTOR, NTC (1608)			
TH601	1-801-792-21	THERMISTOR, POSITIVE			
		< TUNER UNIT >			
TUX201	A-3220-961-B	TUNER UNIT (TUX-032//Q3)			
		< VIBRATOR >			
X201	1-813-173-11	VIBRATOR, CRYSTAL (8.664MHz) (DV1000: AEP, UK, RU/DV2000: RU)			
X501	1-813-202-11	VIBRATOR, CRYSTAL (32.768kHz)			
X502	1-795-059-21	VIBRATOR, CERAMIC (6MHz)			
**********					
		SENSOR BOARD			
		**********			
		< SWITCH >			
SW2	1-529-566-61	SWITCH, PUSH (1 KEY) (SELF)			
SW3	1-529-566-61	SWITCH, PUSH (1 KEY) (DISC IN)			
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Ref. No.	Part No.	Description			Remark
	A-1216-780-A	SERVO BOARD, COMPLETE **********			
		< CAPACITOR >			
C2	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3	1-137-910-11	TANTALUM CHIP	10uF	20%	16V
C4	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C5	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C6	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C7	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C9	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C11	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C12	1-135-856-11	TANTALUM CHIP	100uF	20%	10V
C13	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C14	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C15	1-112-672-81	CERAMIC CHIP	330PF	5%	50V
C16	1-112-672-81	CERAMIC CHIP	330PF	5%	50V
C17	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C18	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C20	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C21	1-131-661-21	ELECT CHIP	100uF	20%	10V
C23	1-135-856-11	TANTALUM CHIP	100uF	20%	10V
C25	1-112-672-81	CERAMIC CHIP	330PF	5%	50V
C26	1-164-939-11	CERAMIC CHIP	0.0022uF	10%	50V
C27	1-164-939-11	CERAMIC CHIP	0.0022uF	10%	50V
C29	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C30	1-112-672-81	CERAMIC CHIP	330PF	5%	50V
C32	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C33	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C34	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C35	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C37	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C38	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C39	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C41	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C42	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C43	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C45	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C46	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C49	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C50	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C51	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C53	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C55	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C57	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C59	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C60	1-104-610-11	ELECT CHIP	47uF	20%	4V
C61	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C62	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C64	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C66	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C67	1-162-913-11	CERAMIC CHIP	8PF	0.5PF	50V
C69	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C70	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C71	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C73	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C75	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C76	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C79	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C81	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C82	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C83	1-100-381-11	ELECT CHIP	10uF	20%	16V
C84	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C85	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C87	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C90	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C91	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C95	1-100-381-11	ELECT CHIP	10uF	20%	16V
C96	1-100-381-11	ELECT CHIP	10uF	20%	16V
C99	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C101	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C103	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C104	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C107	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C109	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C111	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C113	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C115	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C117	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C118	1-104-610-11	ELECT CHIP	47uF	20%	4V
C119	1-104-610-11	ELECT CHIP	47uF	20%	4V
C120	1-104-610-11	ELECT CHIP	47uF	20%	4V
C121	1-126-394-11	ELECT CHIP	10uF	20%	16V
C122	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C123	1-126-394-11	ELECT CHIP	10uF	20%	16V
C124	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C125	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C126	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C127	1-126-394-11	ELECT CHIP	10uF	20%	16V
C128	1-126-394-11	ELECT CHIP	10uF	20%	16V
C129	1-126-402-11	ELECT CHIP	2.2uF	20%	50V
C130	1-126-402-11	ELECT CHIP	2.2uF	20%	50V
C132	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C133	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C134	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C135	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C136	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C137	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C138	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C139	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C140	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C141	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C142	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C143	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C145	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C146	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C147	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C148	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C149	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C160	1-164-941-11	CERAMIC CHIP	0.0047uF	10%	16V
C162	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C171	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C173	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V

SERVO

Ref. No.	Part No.	Description			Remark
		< CONNECTOR >			
CN1	1-691-390-61	CONNECTOR, FFC/FPC (ZIF) 26P			
CN2	1-691-394-61	CONNECTOR, FFC/FPC (ZIF) 30P			
CN3	1-820-487-11	CONNECTOR, BOARD TO BOARD 60P			
		< JUMPER RESISTOR >			
E1	1-216-295-00	SHORT CHIP	0		
E2	1-216-295-00	SHORT CHIP	0		
E3	1-216-295-00	SHORT CHIP	0		
E4	1-216-295-00	SHORT CHIP	0		
E5	1-216-295-00	SHORT CHIP	0		
E6	1-216-295-00	SHORT CHIP	0		
E7	1-216-295-00	SHORT CHIP	0		
E8	1-216-295-00	SHORT CHIP	0		
E9	1-216-295-00	SHORT CHIP	0		
		< RESISTOR/FERRITE BEAD >			
FB1	1-216-864-11	SHORT CHIP	0		
FB2	1-216-864-11	SHORT CHIP	0		
FB3	1-216-864-11	SHORT CHIP	0		
FB5	1-218-990-11	SHORT CHIP	0		
FB6	1-218-990-11	SHORT CHIP	0		
FB7	1-216-864-11	SHORT CHIP	0		
FB8	1-218-990-11	SHORT CHIP	0		
FB9	1-216-864-11	SHORT CHIP	0		
FB10	1-216-864-11	SHORT CHIP	0		
FB11	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)			
FB12	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)			
FB13	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)			
FB14	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)			
FB15	1-218-939-11	RES-CHIP	68	5%	1/16W
FB16	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)			
FB18	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)			
FB19	1-216-864-11	SHORT CHIP	0		
FB20	1-216-864-11	SHORT CHIP	0		
FB21	1-216-864-11	SHORT CHIP	0		
FB22	1-218-990-11	SHORT CHIP	0		
FB23	1-218-990-11	SHORT CHIP	0		
FB24	1-218-990-11	SHORT CHIP	0		
FB25	1-218-990-11	SHORT CHIP	0		
FB26	1-218-990-11	SHORT CHIP	0		
FB27	1-216-864-11	SHORT CHIP	0		
FB28	1-500-282-11	INDUCTOR, FERRITE BEAD			
FB29	1-218-990-11	SHORT CHIP	0		
FB30	1-218-990-11	SHORT CHIP	0		
		< IC >			
IC1	6-707-283-01	IC BH6599KV-E2			
IC2	6-707-010-01	IC NJM2740V			
IC4	(Not supplied)	IC ZR36886HLCG-SA			
IC5	6-705-373-01	IC MM3123DPLE			
IC6	6-710-867-01	IC PCM1680DBQ			
IC7	6-707-608-01	IC PCM1803DBR			
IC8	8-759-443-08	IC TC7W241FU-TE12R			
IC9	8-759-184-64	IC TC4W66FU			
IC10	6-710-866-01	IC EM638165TS-6IG			
IC11	6-710-871-01	IC S29AL032D70TFI030H			

Ref. No.	Part No.	Description			Remark
		< JUMPER RESISTOR/COIL >			
L1	1-216-295-00	SHORT CHIP	0		
L2	1-216-295-00	SHORT CHIP	0		
L3	1-216-295-00	SHORT CHIP	0		
L4	1-469-551-21	INDUCTOR	2.2uH		
L5	1-216-295-00	SHORT CHIP	0		
L6	1-216-295-00	SHORT CHIP	0		
L7	1-216-295-00	SHORT CHIP	0		
L8	1-216-295-00	SHORT CHIP	0		
L9	1-216-295-00	SHORT CHIP	0		
L10	1-216-295-00	SHORT CHIP	0		
L11	1-216-295-00	SHORT CHIP	0		
L12	1-216-295-00	SHORT CHIP	0		
		< TRANSISTOR >			
Q1	8-729-928-90	TRANSISTOR	DTC114EE		
Q2	8-729-048-50	FET	2SK3018-T106		
Q3	6-551-120-01	TRANSISTOR	2SA2119K		
Q4	8-729-048-50	FET	2SK3018-T106		
Q5	6-551-120-01	TRANSISTOR	2SA2119K		
Q11	8-729-010-05	TRANSISTOR	MSB709-RT1		
Q12	8-729-010-05	TRANSISTOR	MSB709-RT1		
		< RESISTOR/FERRITE BEAD >			
R1	1-218-937-11	RES-CHIP	47	5%	1/16W
R2	1-218-937-11	RES-CHIP	47	5%	1/16W
R4	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5	1-218-956-11	RES-CHIP	1.8K	5%	1/16W
R6	1-218-973-11	RES-CHIP	47K	5%	1/16W
R7	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R10	1-218-965-11	RES-CHIP	10K	5%	1/16W
R11	1-218-941-11	RES-CHIP	100	5%	1/16W
R13	1-242-967-11	RES-CHIP	1	5%	1/16W
R14	1-218-954-11	RES-CHIP	1.2K	5%	1/16W
R15	1-218-941-11	RES-CHIP	100	5%	1/16W
R16	1-218-965-11	RES-CHIP	10K	5%	1/16W
R17	1-218-965-11	RES-CHIP	10K	5%	1/16W
R18	1-218-973-11	RES-CHIP	47K	5%	1/16W
R19	1-218-965-11	RES-CHIP	10K	5%	1/16W
R20	1-216-789-11	METAL CHIP	2.2	5%	1/10W
R21	1-216-789-11	METAL CHIP	2.2	5%	1/10W
R22	1-218-990-11	SHORT CHIP	0		
R23	1-218-980-11	RES-CHIP	180K	5%	1/16W
R24	1-218-980-11	RES-CHIP	180K	5%	1/16W
R25	1-218-990-11	SHORT CHIP	0		
R26	1-218-990-11	SHORT CHIP	0		
R27	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R28	1-218-965-11	RES-CHIP	10K	5%	1/16W
R29	1-218-965-11	RES-CHIP	10K	5%	1/16W
R30	1-216-864-11	SHORT CHIP	0		
R31	1-218-953-11	RES-CHIP	1K	5%	1/16W
R33	1-242-967-11	RES-CHIP	1	5%	1/16W
R34	1-218-956-11	RES-CHIP	1.8K	5%	1/16W
R35	1-218-954-11	RES-CHIP	1.2K	5%	1/16W
R36	1-216-789-11	METAL CHIP	2.2	5%	1/10W

Note: IC4 cannot exchange with single. When IC4 is damaged, exchange the entire mounted board.

Ref. No.	Part No.	Description			Remark
R37	1-216-789-11	METAL CHIP	2.2	5%	1/10W
R38	1-216-789-11	METAL CHIP	2.2	5%	1/10W
R39	1-218-981-11	RES-CHIP	220K	5%	1/16W
R40	1-218-967-11	RES-CHIP	15K	5%	1/16W
R41	1-218-966-11	RES-CHIP	12K	5%	1/16W
R42	1-218-966-11	RES-CHIP	12K	5%	1/16W
R43	1-218-981-11	RES-CHIP	220K	5%	1/16W
R44	1-218-953-11	RES-CHIP	1K	5%	1/16W
R45	1-218-953-11	RES-CHIP	1K	5%	1/16W
R47	1-216-789-11	METAL CHIP	2.2	5%	1/10W
R48	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R49	1-218-990-11	SHORT CHIP	0		
R50	1-218-977-11	RES-CHIP	100K	5%	1/16W
R51	1-218-990-11	SHORT CHIP	0		
R52	1-218-977-11	RES-CHIP	100K	5%	1/16W
R53	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R54	1-218-977-11	RES-CHIP	100K	5%	1/16W
R56	1-218-941-11	RES-CHIP	100	5%	1/16W
R57	1-218-941-11	RES-CHIP	100	5%	1/16W
R58	1-218-990-11	SHORT CHIP	0		
R59	1-208-898-81	METAL CHIP	3K	0.5%	1/16W
R60	1-208-874-81	METAL CHIP	300	0.5%	1/16W
R61	1-218-990-11	SHORT CHIP	0		
R62	1-208-874-81	METAL CHIP	300	0.5%	1/16W
R63	1-208-874-81	METAL CHIP	300	0.5%	1/16W
R64	1-218-990-11	SHORT CHIP	0		
R65	1-218-990-11	SHORT CHIP	0		
R66	1-218-941-11	RES-CHIP	100	5%	1/16W
R67	1-218-990-11	SHORT CHIP	0		
R68	1-218-990-11	SHORT CHIP	0		
R69	1-208-874-81	METAL CHIP	300	0.5%	1/16W
R70	1-208-874-81	METAL CHIP	300	0.5%	1/16W
R71	1-218-990-11	SHORT CHIP	0		
R72	1-218-990-11	SHORT CHIP	0		
R73	1-208-874-81	METAL CHIP	300	0.5%	1/16W
R74	1-218-990-11	SHORT CHIP	0		
R75	1-218-990-11	SHORT CHIP	0		
R76	1-218-990-11	SHORT CHIP	0		
R77	1-218-990-11	SHORT CHIP	0		
R78	1-218-990-11	SHORT CHIP	0		
R79	1-218-990-11	SHORT CHIP	0		
R80	1-218-990-11	SHORT CHIP	0		
R81	1-218-990-11	SHORT CHIP	0		
R82	1-218-990-11	SHORT CHIP	0		
R83	1-218-990-11	SHORT CHIP	0		
R84	1-218-990-11	SHORT CHIP	0		
R85	1-218-990-11	SHORT CHIP	0		
R86	1-218-990-11	SHORT CHIP	0		
R87	1-218-990-11	SHORT CHIP	0		
R88	1-218-990-11	SHORT CHIP	0		
R89	1-218-990-11	SHORT CHIP	0		
R90	1-218-990-11	SHORT CHIP	0		
R91	1-218-990-11	SHORT CHIP	0		
R92	1-218-954-11	RES-CHIP	1.2K	5%	1/16W
R93	1-218-990-11	SHORT CHIP	0		
R94	1-218-989-11	RES-CHIP	1M	5%	1/16W
R95	1-218-990-11	SHORT CHIP	0		
R96	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R97	1-218-990-11	SHORT CHIP	0		
R98	1-218-990-11	SHORT CHIP	0		
R99	1-218-990-11	SHORT CHIP	0		
R100	1-218-990-11	SHORT CHIP	0		
R101	1-218-990-11	SHORT CHIP	0		
R102	1-218-990-11	SHORT CHIP	0		
R103	1-218-990-11	SHORT CHIP	0		
R104	1-218-990-11	SHORT CHIP	0		
R105	1-218-990-11	SHORT CHIP	0		
R106	1-218-990-11	SHORT CHIP	0		
R107	1-218-990-11	SHORT CHIP	0		
R108	1-218-990-11	SHORT CHIP	0		
R109	1-218-990-11	SHORT CHIP	0		
R111	1-218-990-11	SHORT CHIP	0		
R112	1-218-990-11	SHORT CHIP	0		
R113	1-218-990-11	SHORT CHIP	0		
R114	1-218-941-11	RES-CHIP	100	5%	1/16W
R115	1-218-990-11	SHORT CHIP	0		
R116	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R117	1-218-990-11	SHORT CHIP	0		
R118	1-218-990-11	SHORT CHIP	0		
R119	1-218-990-11	SHORT CHIP	0		
R120	1-218-941-11	RES-CHIP	100	5%	1/16W
R121	1-216-864-11	SHORT CHIP	0		
R122	1-218-941-11	RES-CHIP	100	5%	1/16W
R123	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R124	1-218-953-11	RES-CHIP	1K	5%	1/16W
R125	1-218-977-11	RES-CHIP	100K	5%	1/16W
R126	1-218-977-11	RES-CHIP	100K	5%	1/16W
R129	1-218-990-11	SHORT CHIP	0		
R130	1-218-990-11	SHORT CHIP	0		
R131	1-218-941-11	RES-CHIP	100	5%	1/16W
R132	1-218-990-11	SHORT CHIP	0		
R150	1-218-977-11	RES-CHIP	100K	5%	1/16W
R151	1-218-941-11	RES-CHIP	100	5%	1/16W
R152	1-218-941-11	RES-CHIP	100	5%	1/16W
R153	1-218-941-11	RES-CHIP	100	5%	1/16W
R154	1-218-941-11	RES-CHIP	100	5%	1/16W
R155	1-218-941-11	RES-CHIP	100	5%	1/16W
R156	1-218-941-11	RES-CHIP	100	5%	1/16W
R157	1-218-941-11	RES-CHIP	100	5%	1/16W
R159	1-218-941-11	RES-CHIP	100	5%	1/16W
R160	1-218-941-11	RES-CHIP	100	5%	1/16W
R161	1-218-941-11	RES-CHIP	100	5%	1/16W
R162	1-218-941-11	RES-CHIP	100	5%	1/16W
R163	1-218-941-11	RES-CHIP	100	5%	1/16W
R164	1-218-941-11	RES-CHIP	100	5%	1/16W
R165	1-218-941-11	RES-CHIP	100	5%	1/16W
R166	1-218-941-11	RES-CHIP	100	5%	1/16W
R167	1-218-941-11	RES-CHIP	100	5%	1/16W
R168	1-216-864-11	SHORT CHIP	0		
R170	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)			
R171	1-216-864-11	SHORT CHIP	0		
R172	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R175	1-218-941-11	RES-CHIP	100	5%	1/16W
R176	1-218-941-11	RES-CHIP	100	5%	1/16W
R177	1-218-965-11	RES-CHIP	10K	5%	1/16W

SERVO **SPEAKER** **SUB**

Ref. No.	Part No.	Description			Remark
R178	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R179	1-218-953-11	RES-CHIP	1K	5%	1/16W
R180	1-218-965-11	RES-CHIP	10K	5%	1/16W
R182	1-218-965-11	RES-CHIP	10K	5%	1/16W
R183	1-218-953-11	RES-CHIP	1K	5%	1/16W
R184	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R186	1-218-990-11	SHORT CHIP	0		
R187	1-218-990-11	SHORT CHIP	0		
R188	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R189	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R190	1-218-941-11	RES-CHIP	100	5%	1/16W
R191	1-218-941-11	RES-CHIP	100	5%	1/16W
R192	1-216-864-11	SHORT CHIP	0		
R193	1-216-864-11	SHORT CHIP	0		
		< COMPOSITION CIRCUIT BLOCK >			
RB110	1-234-371-21	RES, NETWORK 47 (1005X4)			
RB111	1-234-371-21	RES, NETWORK 47 (1005X4)			
RB112	1-234-371-21	RES, NETWORK 47 (1005X4)			
RB113	1-234-371-21	RES, NETWORK 47 (1005X4)			
RB114	1-234-371-21	RES, NETWORK 47 (1005X4)			
RB115	1-242-963-21	RES, NETWORK 33 (1005X4)			
RB116	1-242-963-21	RES, NETWORK 33 (1005X4)			
RB117	1-242-963-21	RES, NETWORK 33 (1005X4)			
RB118	1-242-963-21	RES, NETWORK 33 (1005X4)			
RB119	1-234-702-11	RES, NETWORK 68 (1005X4)			
RB120	1-234-702-11	RES, NETWORK 68 (1005X4)			
RB121	1-234-702-11	RES, NETWORK 68 (1005X4)			
RB122	1-234-702-11	RES, NETWORK 68 (1005X4)			
		< VARIABLE RESISTOR >			
RV1	1-225-895-21	RES, ADJ CERMET (3 TTYPE) 1K			
RV2	1-225-895-21	RES, ADJ CERMET (3 TTYPE) 1K			
		< SWITCH >			
SW1	1-529-565-61	SWITCH, PUSH (1 KEY) (CHUKING END)			
		< VIBRATOR >			
X1	1-813-830-11	VIBRATOR, CRYSTAL (SMD) (27MHz)			

****

SPEAKER BOARD
****
(Included in the MAIN board, complete)

****

SUB BOARD
****

< CONNECTOR >

CN201	1-818-142-11	SOCKET, CONNECTOR 20P			

< LED >

LED201	6-501-547-01	LED CL-197HB1E-D-T (DISC SLOT ILLUMINATION) (DV1000: E (PAL), IND, CH/DV2000)			
LED201	8-719-053-09	LED SML-310VTT86 (DISC SLOT ILLUMINATION) (DV1000: AEP, UK, RU, E (NTSC))			
LED202	6-501-547-01	LED CL-197HB1E-D-T (⏏) (DV1000: E (PAL), IND, CH/DV2000)			
LED202	8-719-053-09	LED SML-310VTT86 (⏏) (DV1000: AEP, UK, RU, E (NTSC))			

< RESISTOR >

R201	1-216-812-11	METAL CHIP	180	5%	1/10W (DV1000: AEP, UK, RU, E (NTSC))
R201	1-216-819-11	METAL CHIP	680	5%	1/10W (DV1000: E (PAL), IND, CH/DV2000)
R202	1-216-815-11	METAL CHIP	330	5%	1/10W (DV1000: AEP, UK, RU, E (NTSC))
R202	1-216-823-11	METAL CHIP	1.5K	5%	1/10W (DV1000: E (PAL), IND, CH/DV2000)

< SWITCH >

S201	1-786-653-21	SWITCH, TACTILE (⏏)			

****

MISCELLANEOUS
****

7	1-833-591-11	CABLE, FLEXIBLE FLAT (20 CORE)
12	1-828-543-11	CORD (WITH CONNECTOR) (POWER) (DV2000: RU)
12	1-828-543-21	CORD (WITH CONNECTOR) (POWER) (DV1000: AEP, UK, RU)
12	1-833-970-11	CONNECTION CORD FOR AUTOMOBILE (POWER) (DV1000: E, IND, CH)
12	1-834-204-11	CONNECTION CORD FOR AUTOMOBILE (POWER) (DV2000: US, CND, E, IND, CH)
13	1-833-872-11	CORD, CONNECTION (16P) (SUB OUT, CENTER OUT, FRONT AUDIO OUT, BUS AUDIO IN) (DV2000)
14	1-833-870-11	CORD, CONNECTION (10P) (BUS AUDIO IN, VIDEO OUT, REAR AUDIO OUT, MIC IN) (DV1000)
14	1-833-871-11	CORD, CONNECTION (8P) (REAR VIDEO OUT, FRONT VIDEO OUT, REAR AUDIO OUT, MIC IN) (DV2000)
⚠110	A-1211-700-A	CHASSIS (OP, Z) COMPLETE ASSY (including optical pick-up (KHS-360A))
F801	1-532-877-11	FUSE (BLADE TYPE) (AUTO FUSE) (10A/32V)
FL900	1-519-948-11	INDICATOR TUBE, FLUORESCENT
J901	1-820-833-11	JACK, SMALL TYPE (VERTICAL) (AUX)
M901	1-787-272-11	FAN, DC (25X25)
RE901	1-479-902-11	ENCODER, ROTARY (PUSH SELECT (VOLUME))

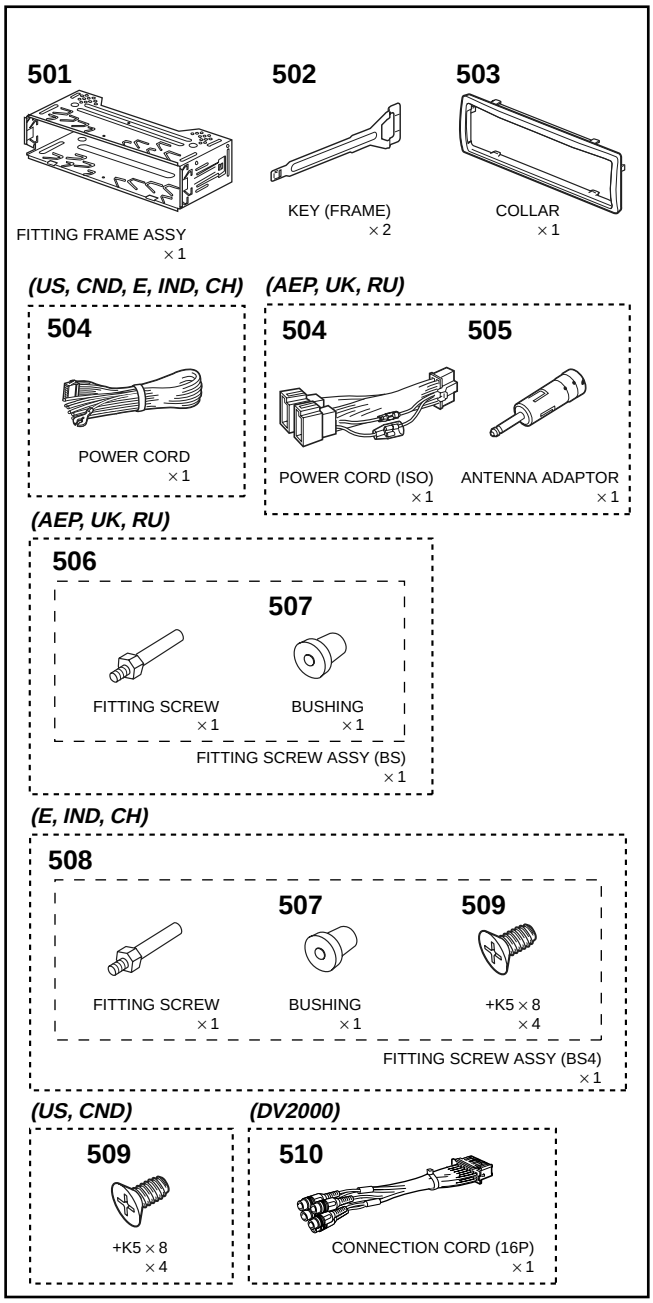
****

ACCESSORIES
****

1-480-117-11	REMOTE COMMANDER (RM-X167) (including battery holder) (DV1000: E, IND, CH)
1-480-117-31	REMOTE COMMANDER (RM-X166) (including battery holder) (DV1000: AEP, UK, RU)
1-480-118-11	REMOTE COMMANDER (RM-X163) (including battery holder) (DV2000: E, IND, CH)
1-480-118-21	REMOTE COMMANDER (RM-X161) (including battery holder) (DV2000: US, CND)
1-480-118-31	REMOTE COMMANDER (RM-X162) (including battery holder) (DV2000: RU)

Ref. No.	Part No.	Description	Remark
	3-099-736-11	MANUAL, INSTRUCTION (RUSSIAN)	(DV1000: RU)
	3-099-736-21	MANUAL, INSTRUCTION (ENGLISH, SPANISH, SIMPLIFIED CHINESE)	(DV1000: E, IND, CH)
	3-099-736-31	MANUAL, INSTRUCTION (ENGLISH, GERMAN, FRENCH, ITALIAN, DUTCH)	(DV1000: AEP, UK)
	3-099-737-11	MANUAL, INSTRUCTION, INSTALL	(ENGLISH, RUSSIAN) (DV1000: RU)
	3-099-737-21	MANUAL, INSTRUCTION, INSTALL (ENGLISH, SPANISH, SIMPLIFIED CHINESE)	(DV1000: E, IND, CH)
	3-099-737-31	MANUAL, INSTRUCTION, INSTALL (ENGLISH, GERMAN, FRENCH, ITALIAN, DUTCH)	(DV1000: AEP, UK)
	3-099-738-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH)	(DV2000: US, CND)
	3-099-738-21	MANUAL, INSTRUCTION (RUSSIAN)	(DV2000: RU)
	3-099-738-31	MANUAL, INSTRUCTION (ENGLISH, SPANISH, SIMPLIFIED CHINESE)	(DV2000: E, IND, CH)
	3-099-739-11	MANUAL, INSTRUCTION, INSTALL (ENGLISH, FRENCH, SPANISH)	(DV2000: US, CND)
	3-099-739-21	MANUAL, INSTRUCTION, INSTALL	(ENGLISH, RUSSIAN) (DV2000: RU)
	3-099-739-31	MANUAL, INSTRUCTION, INSTALL (ENGLISH, SPANISH, SIMPLIFIED CHINESE)	(DV2000: E, IND, CH)
	3-196-318-01	HOLDER, BATTERY	(for REMOTE COMMANDER)
**********			
		PARTS FOR INSTALLATION AND CONNECTIONS	
		**********	
501	X-3382-647-1	FRAME ASSY, FITTING	
502	3-246-471-01	KEY (FRAME)	
503	2-638-099-01	COLLAR	
504	1-828-543-11	CORD (WITH CONNECTOR) (POWER)	(DV2000: RU)
504	1-828-543-21	CORD (WITH CONNECTOR) (POWER)	(DV1000: AEP, UK, RU)
504	1-833-970-11	CONNECTION CORD FOR AUTOMOBILE (POWER)	(DV1000: E, IND, CH)
504	1-834-204-11	CONNECTION CORD FOR AUTOMOBILE (POWER)	(DV2000: US, CND, E, IND, CH)
505	1-465-459-31	ADAPTER, ANTENNA	(DV1000: AEP, UK, RU/DV2000: RU)
506	X-3382-926-1	SCREW ASSY (BS), FITTING	(DV1000: AEP, UK, RU/DV2000: RU)
507	3-349-410-11	BUSHING (DV1000/DV2000: RU, E, IND, CH)	
508	X-3381-154-1	SCREW ASSY (BS4), FITTING	(DV1000: E, IND, CH/DV2000: E, IND, CH)
509	3-934-325-01	SCREW, +K (5X8) TAPPING (DV1000: E, IND, CH/DV2000: US, CND, E, IND, CH)	
510	1-833-872-11	CORD, CONNECTION (16P) (SUB OUT, CENTER OUT, FRONT AUDIO OUT, BUS AUDIO IN)	(DV2000)

Ref. No.	Part No.	Description	Remark



MEMO

MEX-DV1000/DV2000

SONY

SERVICE MANUAL

Ver. 1.1 2007.07

US Model
Canadian Model
MEX-DV2000
AEP Model
UK Model
MEX-DV1000
E Model
Chinese Model
Russian Model
MEX-DV1000/DV2000

SUPPLEMENT-1

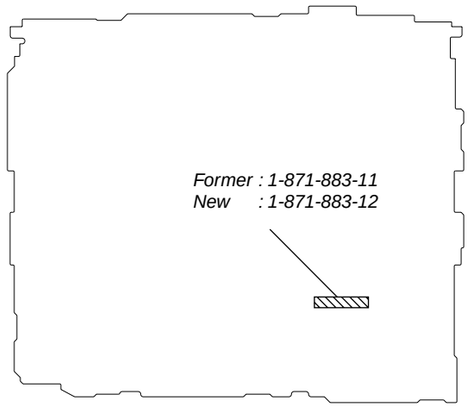
File this supplement with the service manual.

Subject: Change of MAIN and SPEAKER boards (Suffix-12)

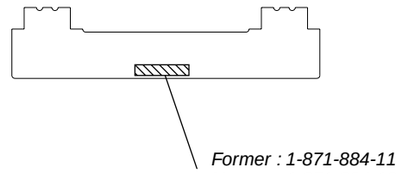
In this set, MAIN and SPEAKER boards have been changed in the mid-way of production.
Printed wiring boards and schematic diagrams and electrical parts list of new type are described in this supplement-1.
Refer to original service manual for other information.

1. NEW/FORMER DISCRIMINATION

– MAIN Board (Component Side) –



– SPEAKER Board (Side B) –



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3. ELECTRICAL PARTS LIST 11

9-887-545-81
MEX-DV1000/DV2000

2. DIAGRAMS

- **Note for Printed Wiring Boards and Schematic Diagrams**

Note on Printed Wiring Board:

- ○——— : parts extracted from the component side.
- ——— : parts extracted from the conductor side.
- △ : internal component.
- ▬ : Pattern from the side which enables seeing.

(The other layers' patterns are not indicated.)

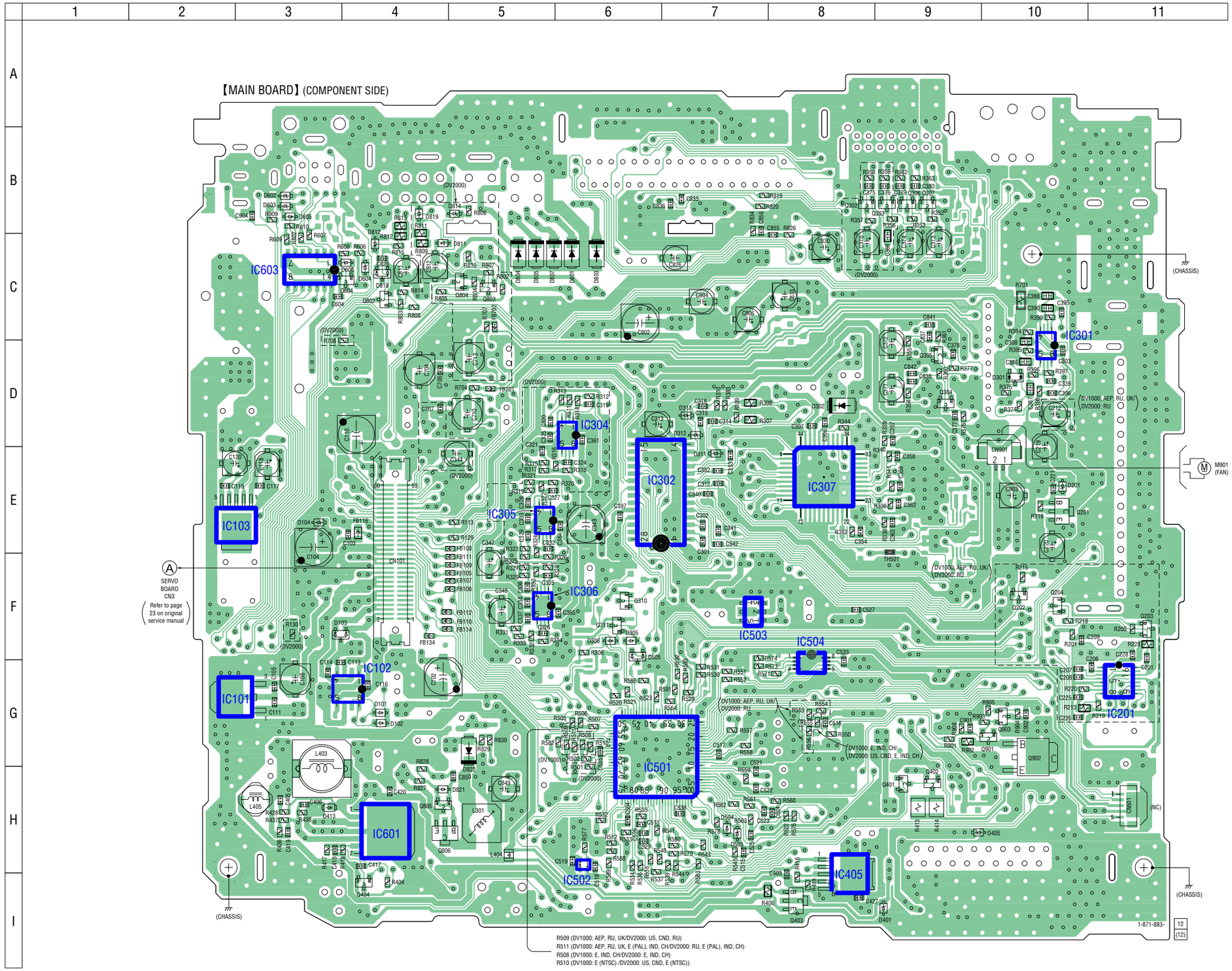
Caution:	
Pattern face side: (Conductor Side)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Component Side)	Parts on the parts face side seen from the parts face are indicated.

Caution:	
Pattern face side: (Side B)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Side A)	Parts on the parts face side seen from the parts face are indicated.

Note on Schematic Diagram:

- All capacitors are in μF unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- ▭ : panel designation.
- ▬ : B+ Line.
- ▬ ▬ ▬ : B– Line.
- Voltages are dc with respect to ground under no-signal (detuned) conditions.
  no mark : TUNER (FM/AM)
  ( ) : DVD PLAY
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ⇨ : DVD/CD PLAY (AUDIO)
  ⇨ : DVD/CD PLAY (VIDEO)
  ➡ : TUNER (FM/AM)
  ▷ : BUS AUDIO IN
  ➡ : AUX IN
  ▷ : MIC IN
- Abbreviation
  CH : Chinese model
  CND : Canadian model
  IND : Indian model
  RU : Russian model

2-1. PRINTED WIRING BOARD – MAIN Section (1/2) – : Uses unleaded solder.

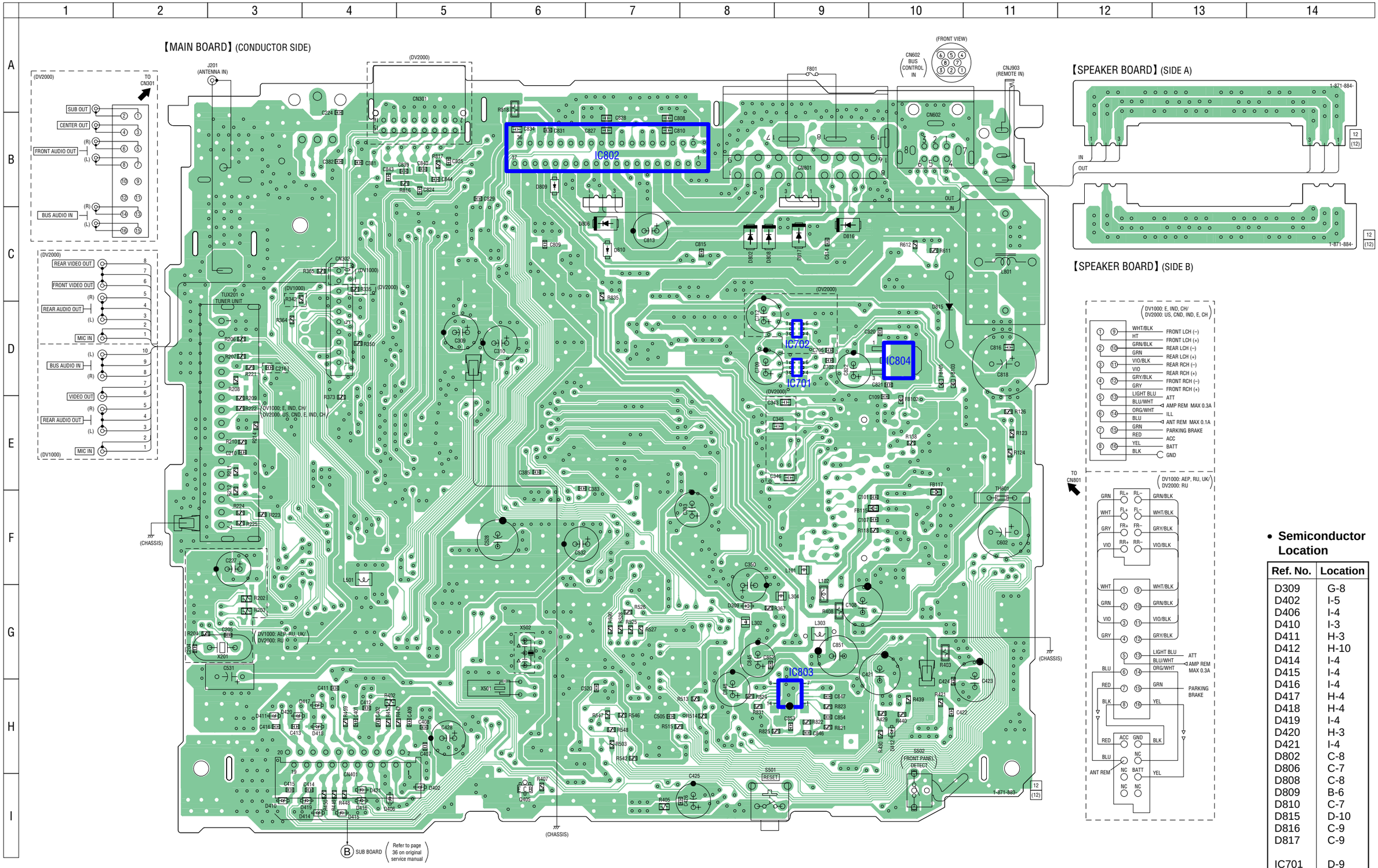


Note: IC501 cannot exchange with single. When IC501 is damaged, exchange the entire mounted board.

- **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location
D101	G-4	IC301	D-10
D102	G-4	IC302	E-6
D103	F-3	IC304	D-6
D104	E-3	IC305	E-5
D201	E-10	IC306	F-5
D301	D-10	IC307	E-8
D302	D-8	IC405	I-8
D305	F-6	IC501	H-6
D306	F-6	IC502	H-6
D311	E-7	IC503	F-7
D312	D-7	IC504	G-8
D313	D-7	IC601	H-4
D401	I-9	IC603	C-3
D405	H-9		
D413	H-3	Q201	E-10
D503	H-7	Q202	F-10
D504	H-7	Q203	F-11
D505	F-6	Q204	F-10
D602	B-3	Q302	B-8
D603	B-3	Q303	B-9
D604	C-4	Q304	D-9
D605	B-3	Q305	D-9
D606	C-4	Q306	B-9
D801	C-6	Q307	B-9
D803	C-6	Q310	F-6
D804	C-5	Q311	F-6
D805	C-5	Q401	H-9
D807	C-5	Q402	H-9
D811	C-4	Q403	I-8
D812	C-4	Q404	I-4
D814	B-5	Q604	C-4
D818	C-4	Q802	C-4
D819	B-4	Q803	C-5
D821	H-4	Q804	C-5
D822	G-5	Q805	H-4
		Q806	H-4
IC101	G-3	Q901	G-10
IC102	G-4	Q902	G-10
IC103	E-3	Q903	G-10
IC201	G-11		

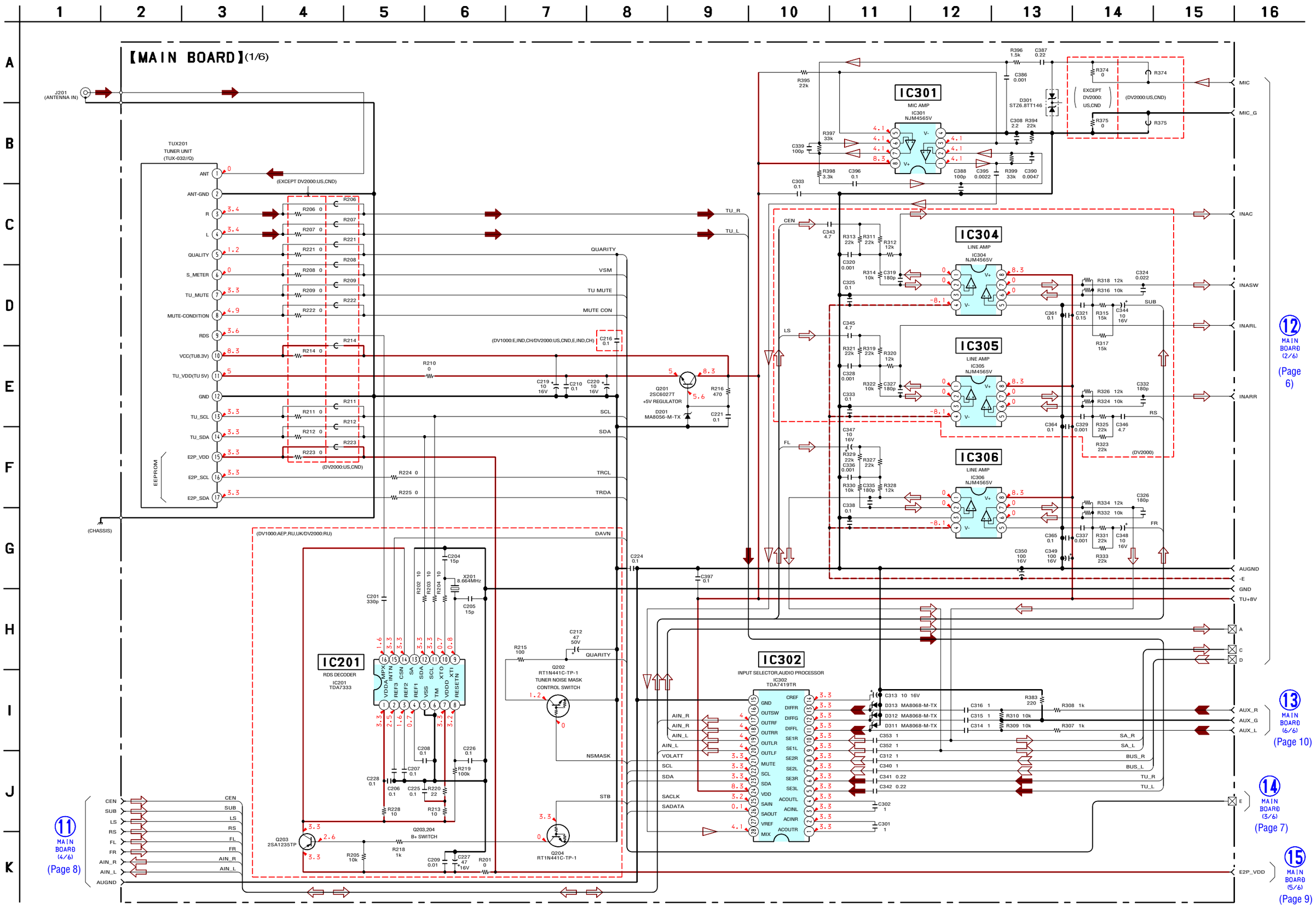
2-2. PRINTED WIRING BOARDS – MAIN Section (2/2) – : Uses unleaded solder.



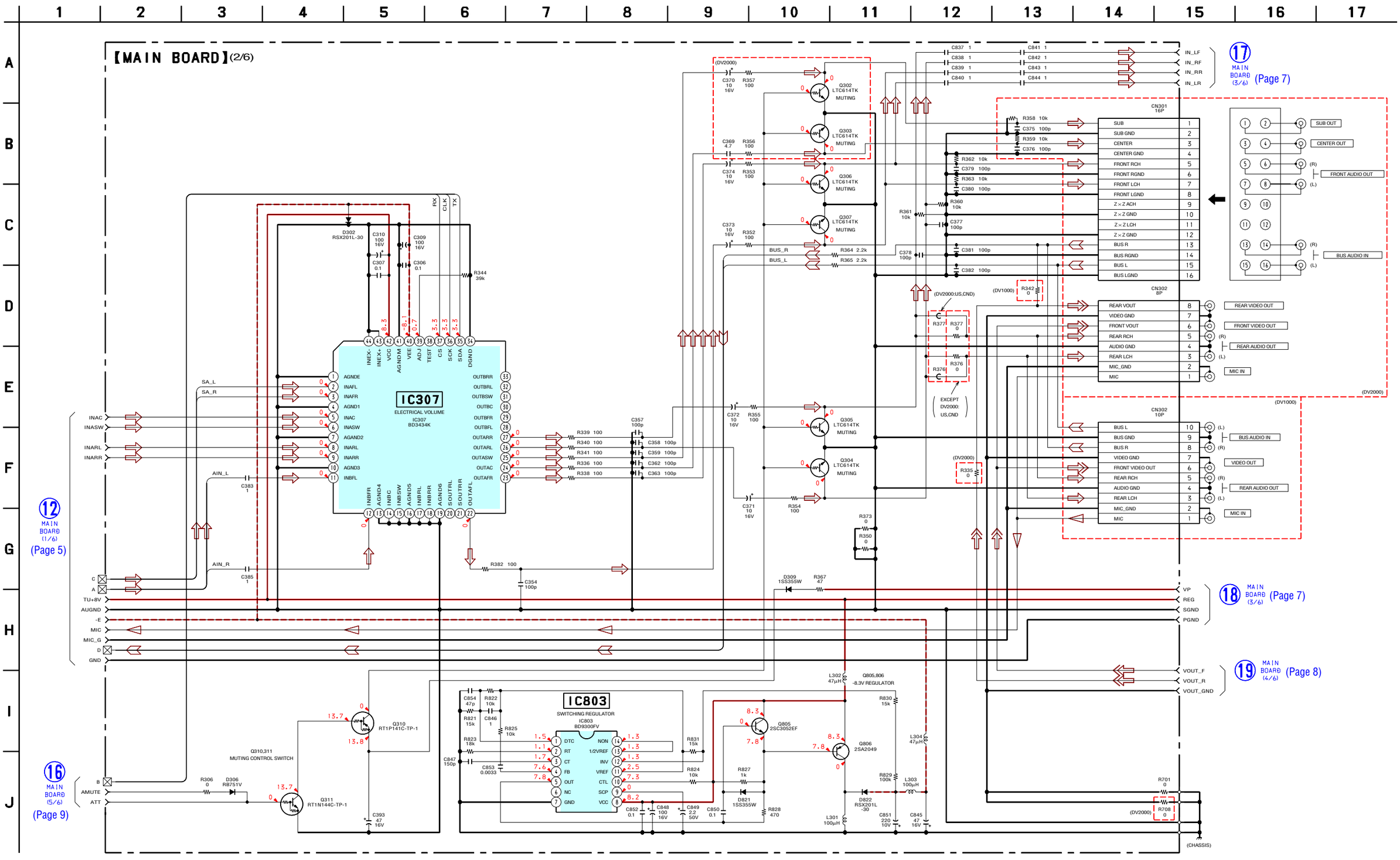
- **Semiconductor Location**

Ref. No.	Location
D309	G-8
D402	I-5
D406	I-4
D410	I-3
D411	H-3
D412	H-10
D414	I-4
D415	I-4
D416	I-4
D417	H-4
D418	H-4
D419	I-4
D420	H-3
D421	I-4
D802	C-8
D806	C-7
D808	C-8
D809	B-6
D810	C-7
D815	D-10
D816	C-9
D817	C-9
IC701	D-9
IC702	D-9
IC802	B-7
IC803	H-9
IC804	D-10
Q405	I-6

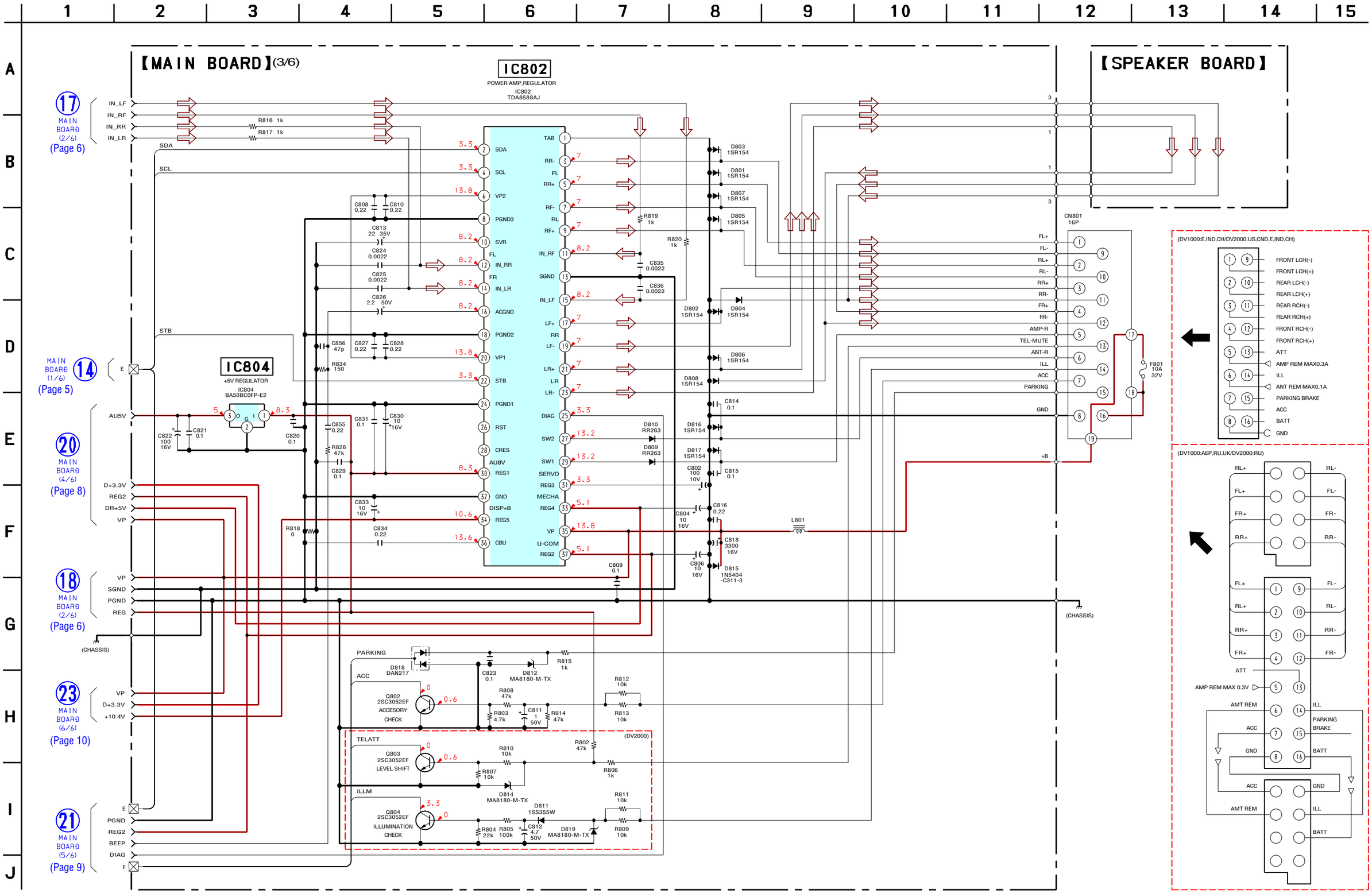
2-3. SCHEMATIC DIAGRAM – MAIN Section (1/6) –



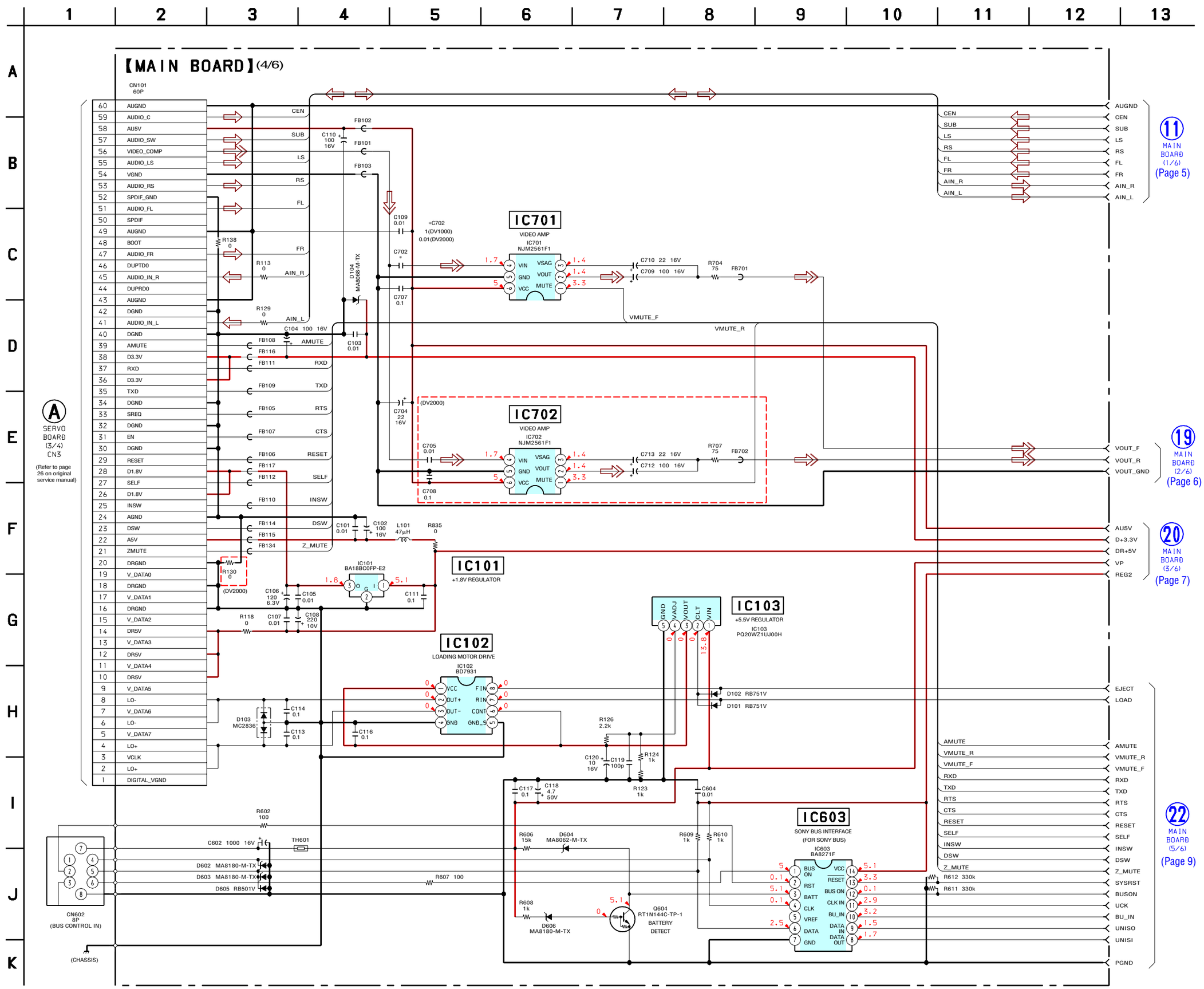
2-4. SCHEMATIC DIAGRAM – MAIN Section (2/6) –



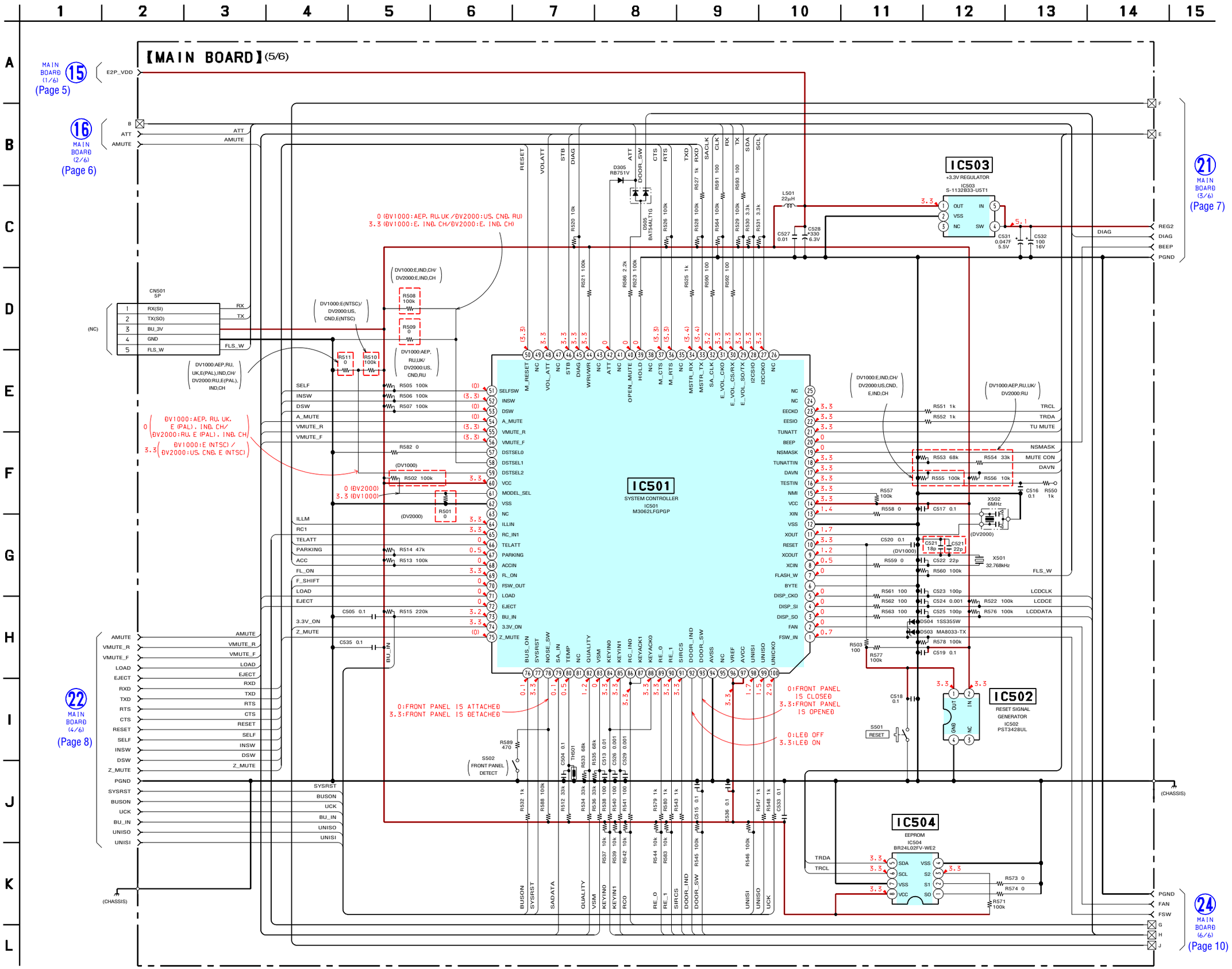
2-5. SCHEMATIC DIAGRAM – MAIN Section (3/6) –



2-6. SCHEMATIC DIAGRAM – MAIN Section (4/6) –

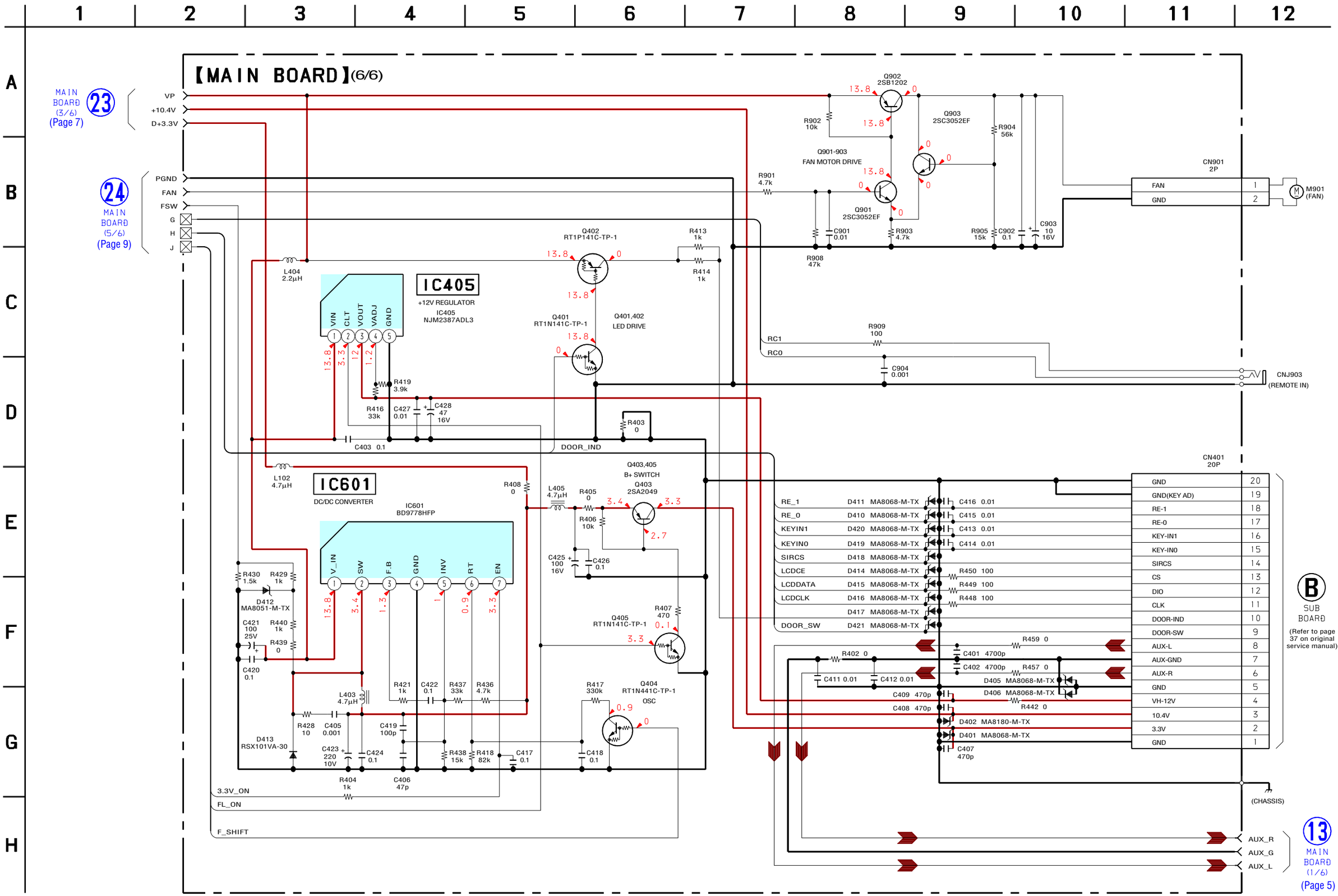

【MAIN BOARD】(4/6)
CN101 60P
IC701 VIDEO AMP IC701 NJM2561F1
IC702 VIDEO AMP IC702 NJM2561F1
IC101 +1.8V REGULATOR IC101 BA18BC0FP-E2
IC102 LOADING MOTOR DRIVE IC102 BD7931
IC103 +5.5V REGULATOR IC103 PQ20WZ1UJ00H
IC603 SONY BUS INTERFACE (FOR SONY BUS) IC603 BA8271F
(DV2000)
(DV1000) 0.01(DV2000)
CN602 8P (BUS CONTROL IN)
(CHASSIS)
A SERVO BOARD (3/4) CN3 (Refer to page 26 on original service manual)
11 MAIN BOARD (1/6) (Page 5)
19 MAIN BOARD (2/6) (Page 6)
20 MAIN BOARD (3/6) (Page 7)
22 MAIN BOARD (5/6) (Page 9)

2-7. SCHEMATIC DIAGRAM – MAIN Section (5/6) –



Note: IC501 cannot exchange with single. When IC501 is damaged, exchange the entire mounted board.

2-8. SCHEMATIC DIAGRAM – MAIN Section (6/6) –



MAIN

3. ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS
  uF: µF
- COILS
  uH: µH
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA... : µA... uPA... : µPA...
  uPB... : µPB... uPC... : µPC...
  uPD... : µPD...
- Abbreviation
  CH : Chinese model
  CND : Canadian model
  IND : Indian model
  RU : Russian model

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description	Remark
	A-1234-245-A	MAIN BOARD, COMPLETE (DV2000: E (PAL), IND, CH)	
	A-1234-248-A	MAIN BOARD, COMPLETE (DV2000: E (NTSC))	
	A-1234-251-A	MAIN BOARD, COMPLETE (DV2000: US, CND)	
	A-1234-254-A	MAIN BOARD, COMPLETE (DV2000: RU)	
	A-1234-292-A	MAIN BOARD, COMPLETE (DV1000: E (PAL), IND, CH)	
	A-1234-295-A	MAIN BOARD, COMPLETE (DV1000: E (NTSC))	
	A-1234-301-A	MAIN BOARD, COMPLETE (DV1000: AEP, RU, UK)	
		********** (Including the SPEAKER board)	
	1-694-592-31	TERMINAL	
	7-685-134-19	SCREW +P 2.6X8 TYPE2 NON-SLIT	
	7-685-793-09	SCREW +PTT 2.6X8 (S)	
	7-685-795-09	SCREW +PTT 2.6X12 (S)	
		< CAPACITOR >	
C101	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C102	1-117-681-11	ELECT CHIP 100uF 20% 16V	
C103	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C104	1-117-681-11	ELECT CHIP 100uF 20% 16V	
C105	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C106	1-112-860-11	ELECT CHIP 120uF 20% 6.3V	
C107	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C108	1-126-176-11	ELECT 220uF 20% 10V	
C109	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C110	1-117-681-11	ELECT CHIP 100uF 20% 16V	
C111	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C113	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C114	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C116	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C117	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C118	1-128-996-11	ELECT CHIP 4.7uF 20% 50V	
C119	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C120	1-124-779-00	ELECT CHIP 10uF 20% 16V	
C201	1-162-959-11	CERAMIC CHIP 330PF 5% 50V	(DV1000: AEP, RU, UK/DV2000: RU)
C204	1-162-917-11	CERAMIC CHIP 15PF 5% 50V	(DV1000: AEP, RU, UK/DV2000: RU)
C205	1-162-917-11	CERAMIC CHIP 15PF 5% 50V	(DV1000: AEP, RU, UK/DV2000: RU)
C206	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	(DV1000: AEP, RU, UK/DV2000: RU)
C207	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	(DV1000: AEP, RU, UK/DV2000: RU)
C208	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	(DV1000: AEP, RU, UK/DV2000: RU)
C209	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	(DV1000: AEP, RU, UK/DV2000: RU)
C210	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C212	1-128-996-11	ELECT CHIP 4.7uF 20% 50V	(DV1000: AEP, RU, UK/DV2000: RU)
C216	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	(DV1000: E, IND, CH/DV2000: US, CND, E, IND, CH)
C219	1-124-779-00	ELECT CHIP 10uF 20% 16V	
C220	1-124-779-00	ELECT CHIP 10uF 20% 16V	
C221	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C224	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C225	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	(DV1000: AEP, RU, UK/DV2000: RU)
C226	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	(DV1000: AEP, RU, UK/DV2000: RU)
C227	1-124-589-11	ELECT 47uF 20% 16V	(DV1000: AEP, RU, UK/DV2000: RU)
C228	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	(DV1000: AEP, RU, UK/DV2000: RU)
C301	1-100-352-11	CERAMIC CHIP 1uF 20% 16V	
C302	1-100-352-11	CERAMIC CHIP 1uF 20% 16V	
C303	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C306	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C307	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C308	1-164-505-11	CERAMIC CHIP 2.2uF 16V	
C309	1-125-972-61	ELECT 100uF 20% 16V	
C310	1-125-972-61	ELECT 100uF 20% 16V	
C312	1-100-352-11	CERAMIC CHIP 1uF 20% 16V	
C313	1-124-779-00	ELECT CHIP 10uF 20% 16V	
C314	1-100-352-11	CERAMIC CHIP 1uF 20% 16V	
C315	1-100-352-11	CERAMIC CHIP 1uF 20% 16V	
C316	1-100-352-11	CERAMIC CHIP 1uF 20% 16V	
C319	1-164-218-11	CERAMIC CHIP 180PF 5% 50V	(DV2000)
C320	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V	(DV2000)
C321	1-131-664-91	CERAMIC CHIP 0.15uF 10% 10V	(DV2000)
C324	1-164-227-11	CERAMIC CHIP 0.022uF 10% 25V	(DV2000)
C325	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	(DV2000)

MAIN

Ref. No.	Part No.	Description			Remark
C326	1-164-218-11	CERAMIC CHIP	180PF	5%	50V
C327	1-164-218-11	CERAMIC CHIP	180PF	5%	50V (DV2000)
C328	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V (DV2000)
C329	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V (DV2000)
C332	1-164-218-11	CERAMIC CHIP	180PF	5%	50V (DV2000)
C333	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DV2000)
C335	1-164-218-11	CERAMIC CHIP	180PF	5%	50V
C336	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C337	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C338	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C339	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C340	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C341	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C342	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C343	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V (DV2000)
C344	1-124-779-00	ELECT CHIP	10uF	20%	16V (DV2000)
C345	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V (DV2000)
C346	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V (DV2000)
C347	1-100-381-11	ELECT CHIP	10uF	20%	16V (DV2000)
C347	1-124-779-00	ELECT CHIP	10uF	20%	16V (DV1000)
C348	1-100-381-11	ELECT CHIP	10uF	20%	16V (DV2000)
C348	1-124-779-00	ELECT CHIP	10uF	20%	16V (DV1000)
C349	1-117-681-11	ELECT CHIP	100uF	20%	16V
C350	1-125-972-61	ELECT	100uF	20%	16V
C352	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C353	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C354	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C357	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C358	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C359	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C361	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DV2000)
C362	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C363	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C364	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DV2000)
C365	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C369	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V (DV2000)
C370	1-124-779-00	ELECT CHIP	10uF	20%	16V (DV2000)
C371	1-100-381-11	ELECT CHIP	10uF	20%	16V (DV2000)
C371	1-124-779-00	ELECT CHIP	10uF	20%	16V (DV1000)
C372	1-100-381-11	ELECT CHIP	10uF	20%	16V (DV2000)
C372	1-124-779-00	ELECT CHIP	10uF	20%	16V (DV1000)
C373	1-100-381-11	ELECT CHIP	10uF	20%	16V (DV2000)
C373	1-124-779-00	ELECT CHIP	10uF	20%	16V (DV1000)
C374	1-100-381-11	ELECT CHIP	10uF	20%	16V (DV2000)
C374	1-124-779-00	ELECT CHIP	10uF	20%	16V (DV1000)
C375	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DV2000)
C376	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DV2000)
C377	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C378	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C379	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C380	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C381	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C382	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C383	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C385	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C386	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C387	1-164-489-11	CERAMIC CHIP	0.22uF	10%	16V
C388	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C390	1-163-017-00	CERAMIC CHIP	0.0047uF	10%	50V
C393	1-124-589-11	ELECT	47uF	20%	16V
C395	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C396	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C397	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C401	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C402	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C403	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C405	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C406	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C407	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C408	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C409	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C411	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C412	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C413	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C414	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C415	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C416	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C417	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C418	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C419	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C420	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C421	1-128-111-11	ELECT	100uF	20%	25V
C422	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C423	1-126-934-11	ELECT	220uF	20%	16V
C424	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C425	1-125-972-61	ELECT	100uF	20%	16V
C426	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C427	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C428	1-124-589-11	ELECT	47uF	20%	16V
C504	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C505	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V

Ref. No.	Part No.	Description			Remark
C513	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C515	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C516	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C517	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C518	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C519	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C520	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C521	1-162-918-11	CERAMIC CHIP	18PF	5%	50V (DV1000)
C521	1-162-919-11	CERAMIC CHIP	22PF	5%	50V (DV2000)
C522	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C523	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C524	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C525	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C526	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C527	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C528	1-128-057-11	ELECT	330uF	20%	6.3V
C529	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C531	1-125-701-11	DOUBLE LAYER	0.047F		5.5V
C532	1-125-972-61	ELECT	100uF	20%	16V
C533	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C535	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C536	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C602	1-126-767-11	ELECT	1000uF	20%	16V
C604	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C702	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (DV2000)
C702	1-165-908-11	CERAMIC CHIP	1uF	10%	10V (DV1000)
C704	1-126-395-11	ELECT CHIP	22uF	20%	16V
C705	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (DV2000)
C707	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C708	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DV2000)
C709	1-125-972-61	ELECT	100uF	20%	16V
C710	1-126-395-11	ELECT CHIP	22uF	20%	16V
C712	1-125-972-61	ELECT	100uF	20%	16V (DV2000)
C713	1-126-395-11	ELECT CHIP	22uF	20%	16V (DV2000)
C802	1-131-661-21	ELECT CHIP	100uF	20%	10V
C804	1-126-394-11	ELECT CHIP	10uF	20%	16V
C806	1-126-394-11	ELECT CHIP	10uF	20%	16V
C808	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C809	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C810	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C811	1-126-193-11	ELECT CHIP	1uF	20%	50V
C812	1-128-996-11	ELECT CHIP	4.7uF	20%	50V (DV2000)
C813	1-126-098-11	ELECT	22uF	20%	35V
C814	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C815	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C816	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C818	1-112-302-11	ELECT	3300uF	20%	16V
C820	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C821	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C822	1-125-972-61	ELECT	100uF	20%	16V
C823	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C824	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C825	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C826	1-126-402-11	ELECT CHIP	2.2uF	20%	50V
C827	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C828	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C829	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C830	1-126-394-11	ELECT CHIP	10uF	20%	16V
C831	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C833	1-126-394-11	ELECT CHIP	10uF	20%	16V
C834	1-164-489-11	CERAMIC CHIP	0.22uF	10%	16V
C835	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C836	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C837	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C838	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C839	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C840	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C841	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C842	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C843	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C844	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C845	1-124-589-11	ELECT	47uF	20%	16V
C846	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C847	1-164-217-11	CERAMIC CHIP	150PF	5%	50V
C848	1-125-972-61	ELECT	100uF	20%	16V
C849	1-126-601-11	ELECT CHIP	2.2uF	20%	50V
C850	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C851	1-126-176-11	ELECT	220uF	20%	10V
C852	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C853	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V
C854	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C855	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C856	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C901	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C902	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C903	1-124-779-00	ELECT CHIP	10uF	20%	16V
C904	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V

< CONNECTOR >

CN101	1-821-033-11	CONNECTOR, BOARD TO BOARD	
CN301	1-794-603-12	PIN, CONNECTOR (S16B-PADSS-1) 16P	(DV2000)
CN302	1-506-990-11	PIN, CONNECTOR (PC BOARD) 8P (DV2000)	
* CN302	1-506-992-11	PIN, CONNECTOR (PC BOARD) 10P (DV1000)	
CN401	1-569-913-11	SOCKET, CONNECTOR 20P	
CN501	1-785-900-21	CONNECTOR 5P	
CN602	1-580-907-41	PLUG, CONNECTOR (BUS CONTROL IN)	
CN801	1-774-701-21	PIN, CONNECTOR 16P	
CN901	1-770-359-11	PIN, CONNECTOR (PC BOARD) 2P	

< JACK >

CNJ903	1-566-822-41	JACK (REMOTE IN)

< DIODE >

D101	8-719-060-48	DIODE RB751V-40TE-17
D102	8-719-060-48	DIODE RB751V-40TE-17
D103	6-500-334-01	DIODE MC2836-T112-1
D104	8-719-977-12	DIODE DTZ6.8B

MAIN

Ref. No.	Part No.	Description	Remark
D201	8-719-977-03	DIODE DTZ5.6B	
D301	8-719-016-73	DIODE STZ6.8T	
D302	6-501-336-01	DIODE RSX201L-30TE25	
D305	8-719-060-48	DIODE RB751V-40TE-17	
D306	8-719-060-48	DIODE RB751V-40TE-17	
D309	6-501-193-01	DIODE 1SS355WTE-17	
D311	8-719-977-12	DIODE DTZ6.8B	
D312	8-719-977-12	DIODE DTZ6.8B	
D313	8-719-977-12	DIODE DTZ6.8B	
D401	8-719-977-12	DIODE DTZ6.8B	
D402	8-719-057-80	DIODE MA8180-M-TX	
D405	8-719-977-12	DIODE DTZ6.8B	
D406	8-719-977-12	DIODE DTZ6.8B	
D410	8-719-977-12	DIODE DTZ6.8B	
D411	8-719-977-12	DIODE DTZ6.8B	
D412	8-719-420-90	DIODE MA8051-M	
D413	6-501-124-01	DIODE RSX101VA-30TR	
D414	8-719-977-12	DIODE DTZ6.8B	
D415	8-719-977-12	DIODE DTZ6.8B	
D416	8-719-977-12	DIODE DTZ6.8B	
D417	8-719-977-12	DIODE DTZ6.8B	
D418	8-719-977-12	DIODE DTZ6.8B	
D419	8-719-977-12	DIODE DTZ6.8B	
D420	8-719-977-12	DIODE DTZ6.8B	
D421	8-719-977-12	DIODE DTZ6.8B	
D503	8-719-017-79	DIODE MA8033	
D504	6-501-193-01	DIODE 1SS355WTE-17	
D505	6-501-013-01	DIODE BAT54ALT1G	
D602	8-719-057-80	DIODE MA8180-M-TX	
D603	8-719-057-80	DIODE MA8180-M-TX	
D604	8-719-422-64	DIODE MA8062-M	
D605	8-719-058-24	DIODE RB501V-40TE-17	
D606	8-719-057-80	DIODE MA8180-M-TX	
D801	8-719-053-18	DIODE 1SR154-400TE-25	
D802	8-719-053-18	DIODE 1SR154-400TE-25	
D803	8-719-053-18	DIODE 1SR154-400TE-25	
D804	8-719-053-18	DIODE 1SR154-400TE-25	
D805	8-719-053-18	DIODE 1SR154-400TE-25	
D806	8-719-053-18	DIODE 1SR154-400TE-25	
D807	8-719-053-18	DIODE 1SR154-400TE-25	
D808	8-719-053-18	DIODE 1SR154-400TE-25	
D809	6-500-508-01	DIODE RR263M-400FTR	
D810	6-500-508-01	DIODE RR263M-400FTR	
D811	6-501-193-01	DIODE 1SS355WTE-17 (DV2000)	
D812	8-719-057-80	DIODE MA8180-M-TX	
D814	8-719-057-80	DIODE MA8180-M-TX (DV2000)	
D815	6-501-571-01	DIODE 1N5404-C311-3	
D816	8-719-053-18	DIODE 1SR154-400TE-25	
D817	8-719-053-18	DIODE 1SR154-400TE-25	
D818	8-719-987-69	DIODE DAN217	
D819	8-719-057-80	DIODE MA8180-M-TX (DV2000)	
D821	6-501-193-01	DIODE 1SS355WTE-17	
D822	6-501-336-01	DIODE RSX201L-30TE25	
		< FERRITE BEAD >	
FB101	1-500-283-11	INDUCTOR, FERRITE BEAD	
FB102	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB103	1-500-283-11	INDUCTOR, FERRITE BEAD	
FB105	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB106	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB107	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB108	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB109	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB110	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB111	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB112	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB114	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB115	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB116	1-414-234-22	INDUCTOR, FERRITE BEAD	
FB117	1-414-234-22	INDUCTOR, FERRITE BEAD	
FB134	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB701	1-469-179-21	INDUCTOR, FERRITE BEAD	
FB702	1-469-179-21	INDUCTOR, FERRITE BEAD (DV2000)	
		< IC >	
IC101	8-759-832-05	IC BA18BC0FP-E2	
* IC102	6-704-337-01	IC BD7931F	
IC103	6-705-025-01	IC PQ20WZ1UJ00H	
IC201	6-803-747-01	IC TDA7333013TR (DV1000: AEP, RU, UK/DV2000: RU)	
IC301	8-759-697-21	IC NJM4565V (TE2)	
IC302	6-707-303-01	IC TDA7419TR	
IC304	8-759-697-21	IC NJM4565V (TE2) (DV2000)	
IC305	8-759-697-21	IC NJM4565V (TE2) (DV2000)	
IC306	8-759-697-21	IC NJM4565V (TE2)	
IC307	6-710-870-01	IC BD3434K-E2	
IC405	6-709-213-01	IC NJM2387ADL3 (TE2)	
IC501	(Not supplied)	IC M3062LFGPGP	
IC502	8-759-659-13	IC PST3428UL	
IC503	6-710-880-01	IC S-1132B33-U5T1G	
IC504	6-703-995-01	IC BR24L02FV-WE2	
IC601	6-707-911-01	IC BD9778HFP	
IC603	6-703-884-01	IC BA8271F-E2	
IC701	6-706-369-01	IC NJM2561F1-TE2	
IC702	6-706-369-01	IC NJM2561F1-TE2 (DV2000)	
IC802	6-705-359-02	IC TDA8588AJ/N2/R1	
IC803	6-709-863-01	IC BD9300FV-FE2	
IC804	6-705-469-01	IC BA50BC0FP-E2	
		< JACK >	
J201	1-815-185-13	JACK (ANT) (ANTENNA IN)	
		< COIL >	
L101	1-469-559-21	INDUCTOR 47uH	
L102	1-481-059-11	INDUCTOR 4.7uH	
L301	1-469-993-21	INDUCTOR (POWER) 100uH	
L302	1-469-559-21	INDUCTOR 47uH	
L303	1-414-404-41	INDUCTOR 100uH	
L304	1-469-559-21	INDUCTOR 47uH	
L403	1-456-222-21	COIL, CHOKE 47uH	
L404	1-469-551-21	INDUCTOR 2.2uH	
L405	1-419-403-41	COIL, CHOKE 47uH	
L501	1-414-400-41	INDUCTOR 22uH	

Note: IC501 cannot exchange with single. When IC501 is damaged, exchange the entire mounted board.

Ref. No.	Part No.	Description	Remark
L801	1-456-617-11	COIL, CHOKE	
		< TRANSISTOR >	
Q201	6-551-431-01	TRANSISTOR 2SC6027T100-QR	
Q202	8-729-038-28	TRANSISTOR RT1N441C-TP-1	(DV1000: AEP, RU, UK/DV2000: RU)
Q203	8-729-600-22	TRANSISTOR 2SA1235-F	(DV1000: AEP, RU, UK/DV2000: RU)
Q204	8-729-038-28	TRANSISTOR RT1N441C-TP-1	(DV1000: AEP, RU, UK/DV2000: RU)
Q302	6-551-856-01	TRANSISTOR LTC614TKFP8T146 (DV2000)	
Q303	6-551-856-01	TRANSISTOR LTC614TKFP8T146 (DV2000)	
Q304	6-551-856-01	TRANSISTOR LTC614TKFP8T146	
Q305	6-551-856-01	TRANSISTOR LTC614TKFP8T146	
Q306	6-551-856-01	TRANSISTOR LTC614TKFP8T146	
Q307	6-551-856-01	TRANSISTOR LTC614TKFP8T146	
Q310	8-729-027-23	TRANSISTOR DTA114EKA-T146	
Q311	8-729-027-46	TRANSISTOR DTC114YKA-T146	
Q401	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q402	8-729-027-23	TRANSISTOR DTA114EKA-T146	
Q403	6-550-877-01	TRANSISTOR 2SA2049T100R	
Q404	8-729-038-28	TRANSISTOR RT1N441C-TP-1	
Q405	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q604	8-729-027-46	TRANSISTOR DTC114YKA-T146	
Q802	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q803	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	(DV2000)
Q804	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	(DV2000)
Q805	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q806	6-550-877-01	TRANSISTOR 2SA2049T100R	
Q901	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q902	8-729-820-46	TRANSISTOR 2SB1202FAS	
Q903	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
		< RESISTOR/FERRITE BEAD >	
R113	1-216-864-11	SHORT CHIP 0	
R118	1-216-864-11	SHORT CHIP 0	
R123	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R124	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R126	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
R129	1-216-864-11	SHORT CHIP 0	
R130	1-216-864-11	SHORT CHIP 0 (DV2000)	
R138	1-216-864-11	SHORT CHIP 0	
R201	1-216-864-11	SHORT CHIP 0	(DV1000: AEP, RU, UK/DV2000: RU)
R202	1-216-001-00	RES-CHIP 10 5% 1/10W	(DV1000: AEP, RU, UK/DV2000: RU)
R203	1-216-001-00	RES-CHIP 10 5% 1/10W	(DV1000: AEP, RU, UK/DV2000: RU)
R204	1-216-864-11	SHORT CHIP 0	(DV1000: AEP, RU, UK/DV2000: RU)
R205	1-216-833-11	METAL CHIP 10K 5% 1/10W	(DV1000: AEP, RU, UK/DV2000: RU)
R206	1-216-864-11	SHORT CHIP 0(EXCEPT DV2000: US, CND)	
R206	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)	
R207	1-216-864-11	SHORT CHIP 0(EXCEPT DV2000: US, CND)	
R207	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)	
R208	1-216-864-11	SHORT CHIP 0(EXCEPT DV2000: US, CND)	
R208	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)	
R209	1-216-864-11	SHORT CHIP 0(EXCEPT DV2000: US, CND)	
R209	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)	
R210	1-216-864-11	SHORT CHIP 0	
R211	1-216-864-11	SHORT CHIP 0(EXCEPT DV2000: US, CND)	
R211	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)	
R212	1-216-864-11	SHORT CHIP 0(EXCEPT DV2000: US, CND)	
R212	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)	
R213	1-216-001-00	RES-CHIP 10 5% 1/10W	(DV1000: AEP, RU, UK/DV2000: RU)
R214	1-216-864-11	SHORT CHIP 0(EXCEPT DV2000: US, CND)	
R214	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)	
R215	1-216-809-11	METAL CHIP 100 5% 1/10W	(DV1000: AEP, RU, UK/DV2000: RU)
R216	1-216-817-11	METAL CHIP 470 5% 1/10W	
R218	1-216-821-11	METAL CHIP 1K 5% 1/10W	(DV1000: AEP, RU, UK/DV2000: RU)
R219	1-216-845-11	METAL CHIP 100K 5% 1/10W	(DV1000: AEP, RU, UK/DV2000: RU)
R220	1-216-801-11	METAL CHIP 22 5% 1/10W	(DV1000: AEP, RU, UK/DV2000: RU)
R221	1-216-864-11	SHORT CHIP 0(EXCEPT DV2000: US, CND)	
R221	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)	
R222	1-216-864-11	SHORT CHIP 0(EXCEPT DV2000: US, CND)	
R222	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)	
R223	1-216-864-11	SHORT CHIP 0(EXCEPT DV2000: US, CND)	
R223	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)	
R224	1-216-864-11	SHORT CHIP 0	
R225	1-216-864-11	SHORT CHIP 0	
R228	1-216-001-00	RES-CHIP 10 5% 1/10W	(DV1000: AEP, RU, UK/DV2000: RU)
R306	1-216-864-11	SHORT CHIP 0	
R307	1-216-049-11	RES-CHIP 1K 5% 1/10W	
R308	1-216-049-11	RES-CHIP 1K 5% 1/10W	
R309	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R310	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R311	1-218-879-11	METAL CHIP 22K 0.5% 1/10W	(DV2000)
R312	1-218-873-11	METAL CHIP 12K 0.5% 1/10W	(DV2000)
R313	1-218-879-11	METAL CHIP 22K 0.5% 1/10W	(DV2000)
R314	1-218-871-11	METAL CHIP 10K 0.5% 1/10W	(DV2000)
R315	1-218-875-11	METAL CHIP 15K 0.5% 1/10W	(DV2000)
R316	1-218-871-11	METAL CHIP 10K 0.5% 1/10W	(DV2000)
R317	1-218-875-11	METAL CHIP 15K 0.5% 1/10W	(DV2000)
R318	1-218-873-11	METAL CHIP 12K 0.5% 1/10W	(DV2000)
R319	1-218-879-11	METAL CHIP 22K 0.5% 1/10W	(DV2000)
R320	1-218-873-11	METAL CHIP 12K 0.5% 1/10W	(DV2000)
R321	1-218-879-11	METAL CHIP 22K 0.5% 1/10W	(DV2000)
R322	1-218-871-11	METAL CHIP 10K 0.5% 1/10W	(DV2000)

MAIN

Ref. No.	Part No.	Description			Remark
R323	1-218-879-11	METAL CHIP	22K	0.5%	1/10W (DV2000)
R324	1-218-871-11	METAL CHIP	10K	0.5%	1/10W (DV2000)
R325	1-218-879-11	METAL CHIP	22K	0.5%	1/10W (DV2000)
R326	1-218-873-11	METAL CHIP	12K	0.5%	1/10W (DV2000)
R327	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R328	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R329	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R330	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R331	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R332	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R333	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R334	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R335	1-216-864-11	SHORT CHIP	0 (DV2000)		
R336	1-216-809-11	METAL CHIP	100	5%	1/10W
R338	1-216-809-11	METAL CHIP	100	5%	1/10W
R339	1-216-809-11	METAL CHIP	100	5%	1/10W
R340	1-216-809-11	METAL CHIP	100	5%	1/10W
R341	1-216-809-11	METAL CHIP	100	5%	1/10W
R342	1-216-864-11	SHORT CHIP	0 (DV1000)		
R344	1-216-840-11	METAL CHIP	39K	5%	1/10W
R350	1-216-864-11	SHORT CHIP	0		
R352	1-216-809-11	METAL CHIP	100	5%	1/10W
R353	1-216-809-11	METAL CHIP	100	5%	1/10W
R354	1-216-809-11	METAL CHIP	100	5%	1/10W
R355	1-216-809-11	METAL CHIP	100	5%	1/10W
R356	1-216-809-11	METAL CHIP	100	5%	1/10W (DV2000)
R357	1-216-809-11	METAL CHIP	100	5%	1/10W (DV2000)
R358	1-216-833-11	METAL CHIP	10K	5%	1/10W (DV2000)
R359	1-216-833-11	METAL CHIP	10K	5%	1/10W (DV2000)
R360	1-216-833-11	METAL CHIP	10K	5%	1/10W
R361	1-216-833-11	METAL CHIP	10K	5%	1/10W
R362	1-216-833-11	METAL CHIP	10K	5%	1/10W
R363	1-216-833-11	METAL CHIP	10K	5%	1/10W
R364	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R365	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R367	1-216-805-11	METAL CHIP	47	5%	1/10W
R373	1-216-864-11	SHORT CHIP	0		
R374	1-216-864-11	SHORT CHIP	0(EXCEPT DV2000: US, CND)		
R374	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)			
R375	1-216-864-11	SHORT CHIP	0(EXCEPT DV2000: US, CND)		
R375	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)			
R376	1-216-864-11	SHORT CHIP	0(EXCEPT DV2000: US, CND)		
R376	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)			
R377	1-216-864-11	SHORT CHIP	0(EXCEPT DV2000: US, CND)		
R377	1-500-282-11	INDUCTOR, FERRITE BEAD (DV2000: US, CND)			
R382	1-216-809-11	METAL CHIP	100	5%	1/10W
R383	1-216-813-11	METAL CHIP	220	5%	1/10W
R394	1-216-837-11	METAL CHIP	22K	5%	1/10W
R395	1-216-837-11	METAL CHIP	22K	5%	1/10W
R396	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R397	1-216-839-11	METAL CHIP	33K	5%	1/10W
R398	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R399	1-216-839-11	METAL CHIP	33K	5%	1/10W
R402	1-216-295-00	SHORT CHIP	0		
R403	1-216-296-11	SHORT CHIP	0		
R404	1-216-821-11	METAL CHIP	1K	5%	1/10W
R405	1-216-295-00	SHORT CHIP	0		
R406	1-216-073-00	RES-CHIP	10K	5%	1/10W
R407	1-216-817-11	METAL CHIP	470	5%	1/10W
R408	1-216-296-11	SHORT CHIP	0		
R413	1-220-264-11	METAL CHIP	1K	5%	1/4W
R414	1-220-264-11	METAL CHIP	1K	5%	1/4W
R416	1-216-839-11	METAL CHIP	33K	5%	1/10W
R417	1-216-851-11	METAL CHIP	330K	5%	1/10W
R418	1-216-844-11	METAL CHIP	82K	5%	1/10W
R419	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R421	1-216-821-11	METAL CHIP	1K	5%	1/10W
R428	1-216-797-11	METAL CHIP	10	5%	1/10W
R429	1-216-821-11	METAL CHIP	1K	5%	1/10W
R430	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R436	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R437	1-218-883-11	METAL CHIP	33K	0.5%	1/10W
R438	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R439	1-216-864-11	SHORT CHIP	0		
R440	1-216-821-11	METAL CHIP	1K	5%	1/10W
R442	1-216-864-11	SHORT CHIP	0		
R448	1-216-809-11	METAL CHIP	100	5%	1/10W
R449	1-216-809-11	METAL CHIP	100	5%	1/10W
R450	1-216-809-11	METAL CHIP	100	5%	1/10W
R457	1-216-864-11	SHORT CHIP	0		
R459	1-216-864-11	SHORT CHIP	0		
R501	1-216-864-11	SHORT CHIP	0 (DV2000)		
R502	1-216-845-11	METAL CHIP	100K	5%	1/10W (DV1000)
R503	1-216-809-11	METAL CHIP	100	5%	1/10W
R505	1-216-845-11	METAL CHIP	100K	5%	1/10W
R506	1-216-845-11	METAL CHIP	100K	5%	1/10W
R507	1-216-845-11	METAL CHIP	100K	5%	1/10W
R508	1-216-845-11	METAL CHIP	100K	5%	1/10W (DV1000: E, IND, CH/DV2000: E, IND, CH)
R509	1-216-864-11	SHORT CHIP	0 (DV1000: AEP, RU, UK/DV2000: US, CND, RU)		
R510	1-216-845-11	METAL CHIP	100K	5%	1/10W (DV1000: E (NTSC)/DV2000: US, CND, E (NTSC))
R511	1-216-864-11	SHORT CHIP	0 (DV1000: AEP, UK, RU, E (PAL), IND, CH/DV2000: RU, E (PAL), IND, CH)		
R512	1-216-839-11	METAL CHIP	33K	5%	1/10W
R513	1-216-845-11	METAL CHIP	100K	5%	1/10W
R514	1-216-841-11	METAL CHIP	47K	5%	1/10W
R515	1-216-849-11	METAL CHIP	220K	5%	1/10W
R520	1-216-833-11	METAL CHIP	10K	5%	1/10W
R521	1-216-845-11	METAL CHIP	100K	5%	1/10W
R522	1-216-845-11	METAL CHIP	100K	5%	1/10W
R523	1-216-845-11	METAL CHIP	100K	5%	1/10W
R525	1-216-821-11	METAL CHIP	1K	5%	1/10W
R526	1-216-845-11	METAL CHIP	100K	5%	1/10W
R527	1-216-821-11	METAL CHIP	1K	5%	1/10W
R528	1-216-845-11	METAL CHIP	100K	5%	1/10W
R529	1-216-845-11	METAL CHIP	100K	5%	1/10W
R530	1-216-827-11	METAL CHIP	3.3K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R531	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R532	1-216-821-11	METAL CHIP	1K	5%	1/10W
R533	1-216-843-11	METAL CHIP	68K	5%	1/10W
R534	1-216-839-11	METAL CHIP	33K	5%	1/10W
R535	1-216-843-11	METAL CHIP	68K	5%	1/10W
R536	1-216-839-11	METAL CHIP	33K	5%	1/10W
R537	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R538	1-216-809-11	METAL CHIP	100	5%	1/10W
R539	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R540	1-216-809-11	METAL CHIP	100	5%	1/10W
R541	1-216-809-11	METAL CHIP	100	5%	1/10W
R542	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R543	1-216-821-11	METAL CHIP	1K	5%	1/10W
R544	1-216-833-11	METAL CHIP	10K	5%	1/10W
R545	1-216-845-11	METAL CHIP	100K	5%	1/10W
R546	1-216-845-11	METAL CHIP	100K	5%	1/10W
R547	1-216-821-11	METAL CHIP	1K	5%	1/10W
R548	1-216-821-11	METAL CHIP	1K	5%	1/10W
R550	1-216-821-11	METAL CHIP	1K	5%	1/10W
R551	1-216-821-11	METAL CHIP	1K	5%	1/10W
R552	1-216-821-11	METAL CHIP	1K	5%	1/10W
R553	1-216-843-11	METAL CHIP	68K	5%	1/10W (DV1000: AEP, RU, UK/DV2000: RU)
R554	1-216-839-11	METAL CHIP	33K	5%	1/10W (DV1000: AEP, RU, UK/DV2000: RU)
R555	1-216-845-11	METAL CHIP	100K	5%	1/10W (DV1000: E, IND, CH/DV2000: US, CND, E, IND, CH)
R556	1-216-833-11	METAL CHIP	10K	5%	1/10W (DV1000: AEP, RU, UK/DV2000: RU)
R557	1-216-845-11	METAL CHIP	100K	5%	1/10W
R558	1-216-864-11	SHORT CHIP	0		
R559	1-216-864-11	SHORT CHIP	0		
R560	1-216-845-11	METAL CHIP	100K	5%	1/10W
R561	1-216-809-11	METAL CHIP	100	5%	1/10W
R562	1-216-809-11	METAL CHIP	100	5%	1/10W
R563	1-216-809-11	METAL CHIP	100	5%	1/10W
R564	1-216-845-11	METAL CHIP	100K	5%	1/10W
R571	1-216-845-11	METAL CHIP	100K	5%	1/10W
R573	1-216-864-11	SHORT CHIP	0		
R574	1-216-864-11	SHORT CHIP	0		
R576	1-216-845-11	METAL CHIP	100K	5%	1/10W
R577	1-216-845-11	METAL CHIP	100K	5%	1/10W
R578	1-216-845-11	METAL CHIP	100K	5%	1/10W
R579	1-216-821-11	METAL CHIP	1K	5%	1/10W
R580	1-216-821-11	METAL CHIP	1K	5%	1/10W
R582	1-216-864-11	SHORT CHIP	0		
R583	1-216-833-11	METAL CHIP	10K	5%	1/10W
R586	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R588	1-216-845-11	METAL CHIP	100K	5%	1/10W
R589	1-216-817-11	METAL CHIP	470	5%	1/10W
R590	1-216-809-11	METAL CHIP	100	5%	1/10W
R591	1-216-809-11	METAL CHIP	100	5%	1/10W
R592	1-216-809-11	METAL CHIP	100	5%	1/10W
R593	1-216-809-11	METAL CHIP	100	5%	1/10W
R602	1-216-809-11	METAL CHIP	100	5%	1/10W
R606	1-216-835-11	METAL CHIP	15K	5%	1/10W
R607	1-216-809-11	METAL CHIP	100	5%	1/10W
R608	1-216-821-11	METAL CHIP	1K	5%	1/10W
R609	1-216-821-11	METAL CHIP	1K	5%	1/10W
R610	1-216-821-11	METAL CHIP	1K	5%	1/10W
R611	1-216-851-11	METAL CHIP	330K	5%	1/10W
R612	1-216-851-11	METAL CHIP	330K	5%	1/10W
R701	1-216-296-11	SHORT CHIP	0		
R704	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R707	1-211-990-11	METAL CHIP	75	0.5%	1/10W (DV2000)
R708	1-216-864-11	SHORT CHIP			0 (DV2000)
R802	1-216-841-11	METAL CHIP	47K	5%	1/10W (DV2000)
R803	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R804	1-216-837-11	METAL CHIP	22K	5%	1/10W (DV2000)
R805	1-216-845-11	METAL CHIP	100K	5%	1/10W (DV2000)
R806	1-216-821-11	METAL CHIP	1K	5%	1/10W (DV2000)
R807	1-216-833-11	METAL CHIP	10K	5%	1/10W (DV2000)
R808	1-216-841-11	METAL CHIP	47K	5%	1/10W
R809	1-216-073-00	RES-CHIP	10K	5%	1/10W (DV2000)
R810	1-216-833-11	METAL CHIP	10K	5%	1/10W (DV2000)
R811	1-216-073-00	RES-CHIP	10K	5%	1/10W (DV2000)
R812	1-216-073-00	RES-CHIP	10K	5%	1/10W
R813	1-216-073-00	RES-CHIP	10K	5%	1/10W
R814	1-216-841-11	METAL CHIP	47K	5%	1/10W
R815	1-216-821-11	METAL CHIP	1K	5%	1/10W
R816	1-216-821-11	METAL CHIP	1K	5%	1/10W
R817	1-216-821-11	METAL CHIP	1K	5%	1/10W
R818	1-216-296-11	SHORT CHIP	0		
R819	1-216-821-11	METAL CHIP	1K	5%	1/10W
R820	1-216-821-11	METAL CHIP	1K	5%	1/10W
R821	1-216-835-11	METAL CHIP	15K	5%	1/10W
R822	1-216-833-11	METAL CHIP	10K	5%	1/10W
R823	1-218-877-11	METAL CHIP	18K	0.5%	1/10W
R824	1-216-833-11	METAL CHIP	10K	5%	1/10W
R825	1-216-833-11	METAL CHIP	10K	5%	1/10W
R826	1-216-841-11	METAL CHIP	47K	5%	1/10W
R827	1-216-821-11	METAL CHIP	1K	5%	1/10W
R828	1-216-817-11	METAL CHIP	470	5%	1/10W
R829	1-216-845-11	METAL CHIP	100K	5%	1/10W
R830	1-216-835-11	METAL CHIP	15K	5%	1/10W
R831	1-216-835-11	METAL CHIP	15K	5%	1/10W
R834	1-216-811-11	METAL CHIP	150	5%	1/10W
R835	1-216-864-11	SHORT CHIP	0		
R901	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R902	1-216-073-00	RES-CHIP	10K	5%	1/10W
R903	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R904	1-216-842-11	METAL CHIP	56K	5%	1/10W
R905	1-216-835-11	METAL CHIP	15K	5%	1/10W
R908	1-216-841-11	METAL CHIP	47K	5%	1/10W
R909	1-216-809-11	METAL CHIP	100	5%	1/10W

MAIN **SPEAKER**

Ref. No.	Part No.	Description	Remark
		< SWITCH >	
S501	1-692-431-21	SWITCH, TACTILE (RESET)	
S502	1-786-458-11	SWITCH, PUSH (1 KEY) (FRONT PANEL DETECT)	
		< THERMISTOR >	
TH501	1-810-812-21	THERMISTOR, NTC (1608)	
TH601	1-801-792-21	THERMISTOR, POSITIVE	
		< TUNER UNIT >	
TUX201	A-3220-961-B	TUNER UNIT (TUX-032//Q3)	
		< VIBRATOR >	
X201	1-813-173-11	VIBRATOR, CRYSTAL (8.664MHz) (DV1000: AEP, RU, UK/DV2000: RU)	
X501	1-813-202-11	VIBRATOR, CRYSTAL (32.768kHz)	
X502	1-795-059-21	VIBRATOR, CERAMIC (6MHz)	

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SPEAKER BOARD
****
(Included in the MAIN board, complete)

MEMO

REVISION HISTORY

Clicking the version allows you to jump to the revised page.
Also, clicking the version at the top of the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2007.03	New
1.1	2007.07	Change of MAIN and SPEAKER boards (Suffix-12) (SUPPLEMENT-1) (ECN-ECC30797/ECC31570/ECC32056)